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62,23

1898

BOTANY SEED LABORATORY

W. W. BARNARD & CO.

SEEDSMEN.

CHICAGO.

RETAIL STORE, 10 N. CLARK ST.
OFFICE & WAREHOUSE 186 E. KINZIE ST.

6 POPULAR FLOWERS.
1 PKT. OF EACH FOR ONLY 20 CTS.
See Inside Cover.

Stecher Litho. Co.
ROCHESTER, N.Y.

Special Bargain Collections of Seeds.

Large Full Sized Packets of Choice Fresh Seeds at less than usual prices.

CONSIDERING the reduced rates at which they are offered, we cannot make changes in these collections, as they are put up in advance, nor can we allow the discounts offered with orders elsewhere.

Six Popular Flowers

Illustrated on Front Cover

Japan Morning Glory. Leaves heart-shaped, marbled with silvery white or yellow. Flowers of immense size. The colors range from rose to maroon, from sky blue to purple, from white to creamy and gray. Mixed.

Sweet Pea. Everybody admires this favorite. All colors in splendid mixture.

Pansy. The seeds will produce flowers which will astonish and please. All colors mixed.

Mignonette, Machet. Noted for its long, massive spikes of golden yellow blossoms. Leaves are crinkled.

Nasturtium. They are *really beautiful.* Our mixture includes pink, rose, scarlet, orange, primrose, yellow, etc.

Cosmos. This is now a fashionable flower, vieing in beauty with the Rose. Blooms late, when almost all other flowers have passed away.

The Six Popular Flowers above nawed only 20c.

FOR BOUQUETS.

14 Pkts.

"ONLY A QUARTER."

Here are fourteen choice annuals, easily grown, the best for cutting for bouquets. **Aster,** good mixed. **Sweet Alyssum. Agathea. Ageratum,** mixed. **Balsam,** double mixed. **Calliopsis. Carnation,** Margaret. **Candytuft. Convolvulus,** Minor. **China Pinks. Nasturtium,** tall. **Pansy,** mixed. **Sweet Peas,** mixed. **Zinnia,** mixed. Price, the entire 14 pkts., 25c.

FLOWER GARDEN COLLECTION.

40 Pkts.

"AN EVEN DOLLAR."

Beginners in gardening will find this a good collection to buy, as it contains the foundation of a permanent garden — annuals, biennials and perennials. It will make a grand show, not only this summer, but for years to come.

Aster, tall mixed and dwarf mixed. **Agathea** (Blue Daisy.) **Ageratum. Balsams,** double mixed. **Candytuft,** Empress. **Canterbury Bells. Carnation,** Margaret. **Celosia. Castor Beans. Centaurea. Chrysanthemum,** annual varieties. **Columbine. Cosmos. Cypress Vine. Double Daisy. Dianthus** (Japan Pink.) **Digitalis** (Fox Glove.) **Escholtzia. Everlastings. Feverfew,** hardy mixed. **Four O'Clock. Gaillardia. Godetia. Gourds. Hollyhocks. Morning Glory. Moonflower. Mignonette, Machet. Nasturtium,** tall and dwarf mixed, oz. pkts. **Pansy,** prize mixture. **Petunia. Phlox Drummondi. Portulacca. Salvia. Scabiosa. New Sweet Peas,** 1 oz. **Verbena. Zinnia.** 40 pkts. for **$1.00,** prepaid.

FOR CHILDREN, 5 pkts., 10c.

Balsams, Candytuft, Four O'Clock, Sweet Pea, Pansy. 5 splendid annuals which will give pleasure all summer. **10c.**

...Economy in the Garden...

The following collections of vegetable seeds are put up in advance and cannot be changed, At the low price we cannot allow any discount. *Price is net.*

25c COLLECTION "A." 25c

10 packets, prepaid for twenty-five cents:

ONION—Prize taker.
RADISH—French Breakfast.
PEAS—Little Gem.
TOMATO—New Stone.
TURNIP—Purple Top, Wh. Gl.
BEANS—Extra Early Refugee.
BEET—Edmund's Blb. Turnip.
CABBAGE—Allhead Early.
CUCUMBER—Siberian.
LETTUCE—Simpson's Curled.

50c COLLECTION "B." 50c

20 packets, prepaid, for fifty cents.

BEANS—Extra Early Refugee.
BEANS—Imp. Golden Wax.
BEET—Edmund's Bld. Turnip.
CABBAGE—Allhead Early.
CARROT—Danvers' Half Long.
CELERY—Dwarf Golden Heart.
CUCUMBER—Siberian.
S. CORN—Country Gentleman.
LETTUCE—Simpson's Curled.
MUSK MELON—Netted Gem.
W. MELON—Phinney's Early.
ONION—Prize Taker.
PARSNIP—Imp. Guernsey.
PEAS—Little Gem.
PEAS—Everbearing.
SALSIFY—Mam. S. Island.
RADISH—French Breakfast.
TOMATO—New Stone.
TURNIP—P. Top White Globe.
RADISH—White Strassburg.

$1.00 COLLECTION "C." $1.00

40 packets, prepaid for one Dollar.

BEANS—Extra Early Refugee.
" —Imp. Golden Wax.
" —Henderson's B. Lima.
BEET—Edmunds Bld. Turnip.
" —Long Dark Blood.
CABBAGE—Ey. J. Wakefield.
" —Fottler's Brunswick.
CARROT—Danvers' Half Long.
S. CORN—Early Minnesota.
" —Country Gentleman.
CUCUMBER—Siberian.
" Imp. Long Green.
EGG PLANT—N. Y. Purple.
ENDIVE—Green Curled.
KOHL RABI—White Vienna.
LETTUCE—Simpson's Curled.
LEEK—American Flag.
MUSK MELON—Netted Gem.
" " —Osage.
SAGE—Broad Leaved
W. MELON—Phinney's Early.
" —Klob's Gem.
ONION—Yellow Gl. Danvers.
" —Large R. Wethersfield.
PEPPER—Ruby King.
PEAS—Nott's Excelsior.
" —Everbearing.
PARSNIP—Hollow Crown.
PARSLEY—Double Curled.
PUMPKIN—Large Cheese.
RADISH—French Breakfast.
" —Long Scarlet.
" —White Strassburg.
SQUASH—Warty Hubbard.
" —Bush Scallop.
TOMATO—Acme.
TURNIP—P. T. White Globe.
RUTA BAGA—Am. P. Top.
SPINACH—Round Summer.
SALSIFY—Mam. S. Island.

The Story This Book Tells:

LONG before "the frost was on the punkin and the fodder in the shock," the preparatory work towards issuing this book began. For weeks and months many heads and hands, in connection with machinery almost human, have worked in unison that we at the beginning of another year might, through the following pages, repeat the oft-told-story of the SEEDS, BULBS, PLANTS, TOOLS AND GARDEN SUNDRIES we carry in stock ready to be shipped to any part of the world. Judging from the ever-increasing volume of our "*customers' list*" the tale does not grow wearisome from frequent telling.

..SEASON.. 1898.

From the first inception of our business, QUALITY has ever been the watchword. We do not intend to be led away from this principle. We sell stock in which we have *confidence*, and base our *prices* on a *par consistent with value.*

QUALITY.

Pioneer seed orders now arriving from the extreme Southern States are the key-note of that very busy time which all seedsmen experience later on. You will greatly oblige us and materially advance your own interests by *ordering early*, as soon after the receipt of this Catalogue as convenient.

Order Early

Expressing our thanks for generous patronage in the past, we rest in the hope of doing business this year with all our old and many new customers.

THIS BOOK

was published to place before you in form easy of reference a list of Seeds, Bulbs, etc., we have to sell; to emphasize the value to planters of **Barnard's Tested Seeds;** to advance an int rest in gardening and to offer assistance by brief cultural directions and suggestions. We invite careful examination of its pages and hope you will find in it something of interest to you. If you have no use for the book kindly pass it to someone likely to be interested.

W. W. BARNARD & CO., Seedsmen

186 EAST KINZIE STREET
RETAIL STORE: 10 N. CLARK STREET

CHICAGO.

Short Items of Interest to All.

HOW TO ORDER.

Please be *very careful* to always sign your *name, post-office, county* and *State* on *each* and *every letter* sent us. Cash should always accompany the order. Money can be sent safely either by post-office order, bank draft, express, or cash by registered letter. ***We accept postage stamps the same as cash.*** On orders over $1.00 the cost of remitting by any of these methods may be selected in extra seeds. Every postmaster is obliged by law to register a letter on payment of eight cents, in addition to postage, and then you will receive our receipt for the letter by return mail. We are responsible for the safe receipt of remittances by any of the above methods. The efficiency of the Post-Office Department is such, however, that rarely a letter or package is lost or stolen.

Please write each item of your order on a separate line, placing the quantity before each article and carry out the prices. Keep a copy of your order to check up the seeds when received. We seldom make mistakes in filling—*if we do, we are willing to make corrections.* Please order Flower Seeds by number; Vegetable Seeds by name.

☞Kindly write letters or questions requiring replies on another sheet of paper, separate from the order.

DISCOUNT ON SEED ORDERS.

On orders for seeds in **packets and ounces** the purchaser may select additional seeds in *packets and ounces*, at full catalogue prices, as follows: For $1.00 select seeds to the value of $1.30; for $2.00 to the value of $2.70; for $3.00 to the value of $4.00; for $4.00 to the value of $5.50; for $5.00 to the value of $7.00.

ON SEEDS IN BULK bought by the quarter pound, pound, peck and bushel (except Grass and Clover Seed) when accompanied by cash we allow on an order of $3.00 to $5.00 **5 per cent.;** on an order of $5.00 to $10.00 **10 per cent.** This discount **does not apply** to *collections, bulbs, plants, tools or fertilizers, for these the published price must be remitted.*

WARRANTIES.

We guarantee the safe arrival of all goods. Should any shipment fail to reach you in due time, please notify us at once, and we will trace, and, if lost, refill your order free of charge.

We believe our seeds to be equal in every respect to any that can be secured. But crops, depending largely upon the seed for value, are influenced by the soil and its preparation, by fertility, by insects, by drought and flood, by the skill and experience of the cultivator; therefore, while we exercise the greatest care to supply every article true to name and of the very best quality, we wish it to be distinctly understood that we sell no seeds with any warranty, expressed or implied, and will not be in any way responsible for the crop.

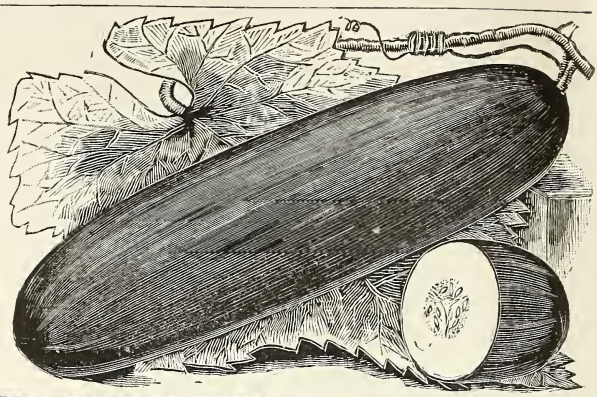
MARKET GARDENERS and Truckers, Public Institutions and others who use seeds in large quantities will, on application, be supplied with a **Special Price List** free of charge.

..New Cucumber..

"The EMERALD."

THIS beautiful new Cucumber is a seedling of the White Spine, and retains all the good points of its parent, with the addition of a very rich, dark-green skin, entirely free from spines. It is *strictly an evergreen*, retaining its color until fully ripe. The long, straight, handsome fruits are produced early and abundantly. It is almost entirely free from "warts and spines." Most excellent both for table and market.

The young fruit when green, being dark green, makes an excellent pickle. A first-class sort to grow under glass. Per pkt., 15c.; 2 for 25c.



EMERALD CUCUMBER.

CELERY.

GOLDEN SELF-BLANCHING.

THE best Celery in cultivation and the most profitable for market and family use. The beautiful appearance of the plant, with its close habit, compact growth and straight, vigorous stalks, is shown in the illustration from a photograph. The ribs are perfectly solid, crisp, brittle and of a delicious flavor when blanched with earth; but when the blanching is done with boards it is apt to be more stringy. *It is self-blanching to a very remarkable degree*, for without banking up or any covering whatever, even the outer ribs become a handsome, fresh, yellowish white color. The heart is large and solid, and of a beautiful, rich golden-yellow color. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.

Mr. Matt. Theis, market gardener, Chicago, says: "I have been growing Celery for ten years; the Celery Seed you furnished me last year was the best I ever had."

GOLDEN SELF-BLANCHING CELERY.

CELERY.

...EVANS' TRIUMPH....

A VARIETY that keeps in condition for use much longer than most sorts.

The Best.... Late Celery.

This variety has a very strong and vigorous plant with

VERY LARGE... SOLID STALKS

of the finest texture and quality. *Crisp, Brittle, Tender and really nut-like in flavor.*

It is a late sort requiring the whole season to develop. On the table this Celery presents a handsome appeaeance; its quality leaves nothing to be desired, *it is superb.*

We recommend this sort as worthy of first place as a late Celery.

Pkt., 5c.; oz., 30c.; ¼ lb., $1.00.

ROGER'S LIMA WAX BEAN.

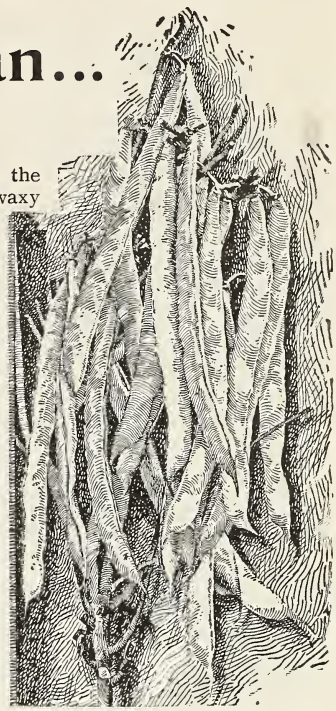
A DECIDED NOVELTY.

NAMED "Lima Wax," as it has bright, glossy foliage, and the bloom resembles the Dwarf Lima. The plant is branching and vigorous, with an immense amount of foliage; pods are borne in the greatest profusion, often a single plant having from 50 to 60 or more pods. The pods are very broad and flat, the broadest of all Wax Bush Beans, color transparent glossy lemon wax, having the yellow waxy appearance very soon after the pods are formed. When picked will retain their bright, attractive appearance for a long time and do not become tough. Quality very tender, juicy, and flavor delicate. Seed small oval, pure white. Pkt., 15c.; 2 for 25c.; pt., 40c.; qt., 75c.

Davis Kidney Wax Bean...

The Bean for the Market Gardener.

THE plant is vigorous, of compact, upright growth, carrying the pods well to the center and up from the ground. The pods are long, straight, oval, clear, waxy white color and handsome, often growing to a length of seven to eight inches, and, when fit for use, are quite stringless and of fine flavor.



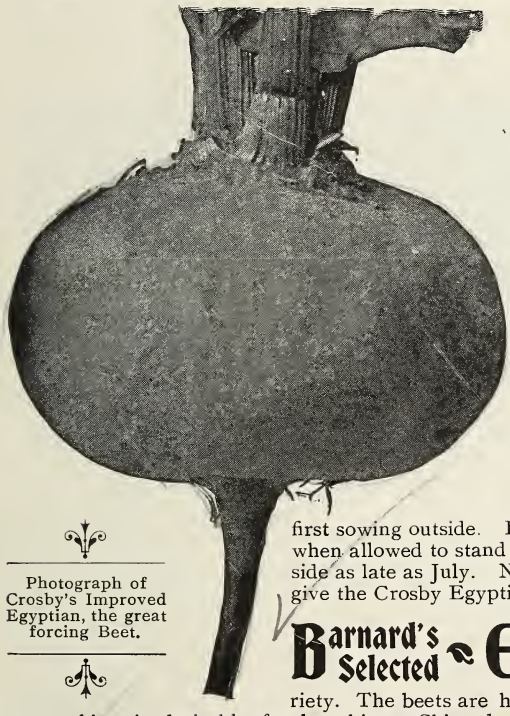
DAVIS WAX BEAN.

The Largest Cropper, the Handsomest Pod, the Best Shipper and Market Bean in Cultivation

One of the main points of superiority over other sorts is its extreme hardiness and shipping qualities. Another good point of merit is the plants produce a very small portion of waste or second quality pods. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., $3.25.

Blood Turnip Beet, Dirigo

THIS BEET, a selection from the Edmund Blood Turnip, was introduced by an experienced market gardener in the vicinity of Portland, Me. In our trials we found Dirigo to be *more uniform, a dark red* and *more symmetrical* than any of the Turnip Blood varieties introduced in recent years. We consider it the best variety yet introduced on account of its color, earliness and shape. It is one of the best for either summer or winter use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.



Photograph of Crosby's Improved Egyptian, the great forcing Beet.

CROSBY'S Improved Egyptian Beet.

A very superior strain of the well-known Egyptian, carefully selected for years by Mr. Josiah Crosby, a noted Eastern market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, *fine quality, deep blood color*, and, above all, *quick, rapid growth*. The shape is very desirable, as shown in the accompanying photograph, being not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Takes on its turnip shape and looks well even in the early stages of its growth, on which account it is preferred for forcing to Globe and Half-Long varieties, which require longer time to grow to presentable market shape. This is a decided advantage to those who force for real early market, and especially for a market where beets are sold in bunches. Once used, it is **preferred to** Egyptian or Eclipse for forcing in frames or for first sowing outside. It does not become woody and tasteless, like the old Egyptian, when allowed to stand a little too long, and being a rapid grower it may be sown outside as late as July. No market or private grower who values earliness should fail to give the Crosby Egyptian a trial. Pkt.. 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Barnard's Selected Edmund's Beet.

WE have the **highest** and **most perfect type** of this excellent variety. The beets are handsome in appearance, round, very uniform in size, very small top, making it desirable for bunching. Skin, deep blood red, flesh very dark, exceedingly sweet and tender. Matures very early, and in every instance gives the utmost satisfaction. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

New Winter Cabbage THE LUPTON.

Originated from a single head selected some years ago by a noted Cabbage seed grower on Long Island whose name it bears. His own description is in part as follows: "I originated the Lupton from a single early plant of a late variety; it is between the two in point of size and season of maturing, coming in after the second earlies and before the late. I believe it will become the leading main crop Cabbage." The heads are particularly large in proportion to the plant, stalk rather short, color dark green; **one of the best keepers,** and comes out in the spring bright and fresh. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.

CABBAGE

DANISH BALLHEAD CABBAGE.

FOR a winter Cabbage for early spring sales our local gardeners consider this variety pre-eminent. It has been selected and perfected for more than fifty years by the Danish gardeners who prize it so highly that they grow it almost exclusively for winter cabbage and annually export large quantities to this and other countries. It is

THE HARDEST HEADING AND LONGEST KEEPING CABBAGE.

Heads round as a ball, solid, fine grained, has few outer leaves, tender, crisp and of unexcelled flavor. We call the attention of market gardners in all parts of the country, to Danish Ballhead Cabbage knowing that a trial will convince them of its superiority.

DANISH BALLHEAD CABBAGE.

DANISH BALLHEAD CABBAGE ENDURES MORE FROST AND DROUGHT THAN ANY OTHER SORT.

The seed we offer is of the finest quality. Pkt., 10c.; oz., 40c.; ¼ lb., $1.00; lb., $4.00.

ALLHEAD EARLY CABBAGE.

THE MOST PROFITABLE EARLY CABBAGE FOR MARKET GARDENERS

OUR tests last season have again proved this to be the *earliest* of all large cabbages and fully *one-third larger* than any other Summer Cabbage. The deep flat heads are remarkably solid. Very rapid grower resulting in tenderness and solidity. Having few outer leaves 9,680 plants can be set on an acre. Market gardeners to whom we have sold this in past seasons speak most highly in its praise and it is giving good satisfaction to all who have grown it. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.

THE BEST ALL THE YEAR ROUND CABBAGE FOR THE HOME GARDEN

FOR UNIFORMITY AND RELIABILITY OF HEADING IT HAS NO EQUAL.

AUTUMN KING CABBAGE.

The Largest and Best of the Late Sorts.

MARKET gardeners who have tried this excellent late Cabbage in a small way are so unanimous in its praises that we now give it a place in our list.

It will certainly give the greatest satisfaction both to the amateur and market gardener and ought to be planted largely by both.

Autumn King produces enormous heads
Very uniform in shape & hard and solid as a rock

It has such short outer leaves that it can be planted much closer than ordinary late sorts. Forming so few outer leaves it goes almost all to head, creamy white inside, compact and crisp. Unequalled for cooking or slicing. Flavor especially fine. A rapid grower and an excellent keeper. Pkt., 5c.; oz., 20c.; ¼ lb., 55c.; lb., $2.00.

CHARLESTON, Or Large Wakefield.

FOR gardeners who prefer a *large* Wakefield in preference to an *extra early* we recommend this strain. This variety has all the characteristics of the Early Jersey Wakefield, but the heads are larger, solid and more pointed. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

The DENMARK CAULIFLOWER.

Best For Early and General Crops.

THREE years ago we sent this out for the first time. Since then we have sold it extensively to successful market gardeners in various parts of the country. It is the *largest and whitest Cauliflower and surest to form a solid head.* Fine grained and the best quality. Pkt , 10c.; oz., $2.50; ¼ lb., $8.00.

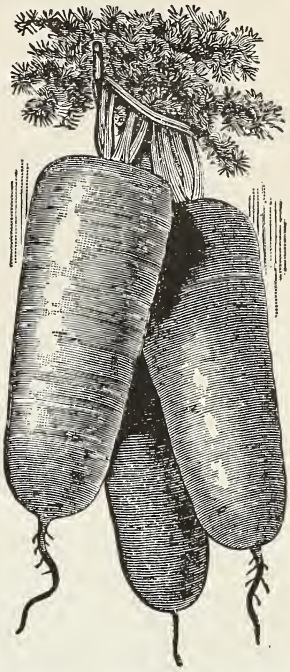
Barnard's Improved.... Danvers Carrot.

Market Gardener's Special Strain.

OUR illustration conveys a clear idea of the shape of this really handsome variety. It has a smooth skin, grows about four inches long and is stump-rooted. Flesh sweet, crisp, tender and of a deep orange color. Nearly coreless. The small amount that is present being very tender.

A heavy yielder and a most profitable variety for gardeners and others to grow.

It is a rapid grower and a good yielder. Although the roots are shorter, this variety produces as large a bulk as the long field sorts and is more easily harvested. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



BARNARD'S IMPROVED DANVERS CARROT.

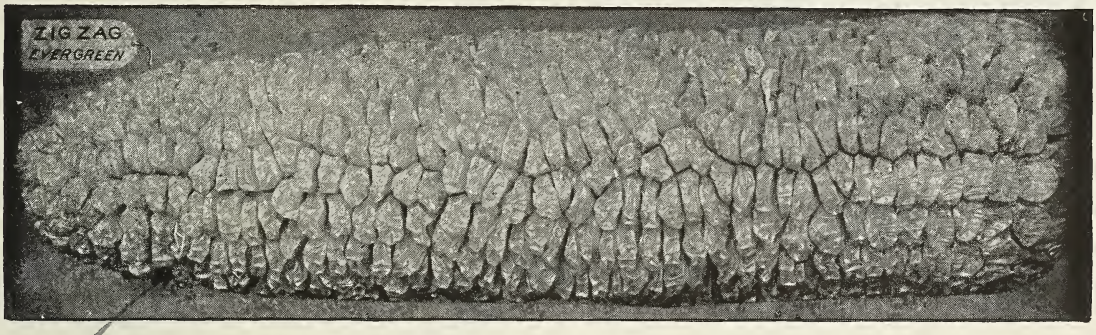
Sweet Corn, "First of All."

The Earliest of all,—Earlier than Early Cory.

FIRST OF ALL is ready for the table from three days to a week earlier than Cory, making it valuable to all market gardeners who desire to have the first Sweet Corn in market and obtain the highest price.

The ears are medium size, well filled with grains to the very tip.

Ears ten to twelve rowed. Dwarfer than Cory but of *superior quality.* Tender and sweet. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.50.



ZIG ZAG EVERGREEN SWEET CORN.

THIS illustration (taken from a photograph of a dried ear) gives a better idea of its characteristics than can be described. Hitherto Stowell's Evergreen has been the standard and favorite late corn, but it must now take second place. Zig Zag is **sweeter,** has **larger ears,** is much more **productive** (yielding 2 to 4 ears to the stalk) and remains fit for use **longer than Stowell's** or any other variety. For canning factories it is unequalled. **Private planters** and **market gardeners** who once try this will **use no other** late variety, for, beyond all doubt, it is the best large eared late Sweet Corn produced up to the present time. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 70c.; bu., $2.50.

Mammoth White Cory.

The result of much labor is seen in this real improvement on the White Cory. The ears are twelve rowed, white cobbed and covered with large, white grains of excellent quality.

No other early Sweet Corn can compare with it in size.

The market gardener who plants this variety is sure to get the best trade. Pkt., 15c.; pt., 35c.; qt., 60c.; pk., $1.50.

Old Colony Sweet Corn.

A remarkably productive medium early variety, usually having two or three large, handsome ears, ten to twelve rowed.

Deep grains on white cobs, very sweet.

One of the best for canning or market. We consider it better than some of the more recently introduced sorts, as the skin is not so tough and it certainly is all that can be desired in quality. Pkt., 5c.; pt., 15c.; qt., 30c.; pk., 70c.; bu., $2.50.

PRICES INCLUDE POSTAGE FOR PACKETS, PINTS AND QUARTS OF SWEET CORN.

Two Excellent LETTUCES.

Cos Lettuce "Trianon."

VERY EARLY, SELF-BLANCHING.

THE Cos varieties are becoming more popular in this country every year. The long, narrow leaves, which form solid heads, bleach and become snowy white. *It excels all others in quality, having a taste and crispness unequalled.* The leaves when bleached are stiff like Celery stalks, and can be eaten in same manner. Pkt , 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

New Lettuce "Lapse."

also called

"Ninety and Nine."

THIS is a splendid head Lettuce which is very popular with market gardeners, who agree that it is not only valuable for forcing in hotbed and greenhouse, but very desirable for the open ground in summer. It is a rapid grower and very shy in going to seed. Pkt., 5c.; oz., 10c., ¼ lb., 25c.; lb., 85c.

TRIANON LETTUCE.

New Muskmelon--The "Strawberry."

Now Offered for the First Time.

STRAWBERRY MUSKMELON.

THE MUSK MELON FOR EVERYBODY.

THIS delicious Melon is the production of the same specialist who has given to the world the Columbus and Triumph Muskmelons, both of which give universal satisfaction. The STRAWBERRY takes its name from its flavor, which is *like that of a strawberry.*

It grows to a desirable market size, six to eight pounds each.

Its outside appearance compares favorably with the green Nutmeg of old, turning to a yellowish hue, as it were, over night, when ripe. Its smooth, deep flesh is of an attractive red color, soft to the rind, and exceptionally delicious. The best flavored Melon we ever tasted. Pkt., 10c.; oz., 50c.

New WATER MELON, "The Triumph."

EARLY. LARGE. HANDSOME.

THE Triumph Water Melon is very early. Its average size may be gathered from the fact that on 2½ acres, 2418 melons weighing over 40 lbs. each were gathered. The Triumph is characterized by

Fine shape, an exceedingly thin, tough rind, great productiveness, attractive color and excellent quality.

We consider The Triumph one of the best of recent introductions. The farmer who values his Melon patch cannot afford to do without this one. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., $1.25.

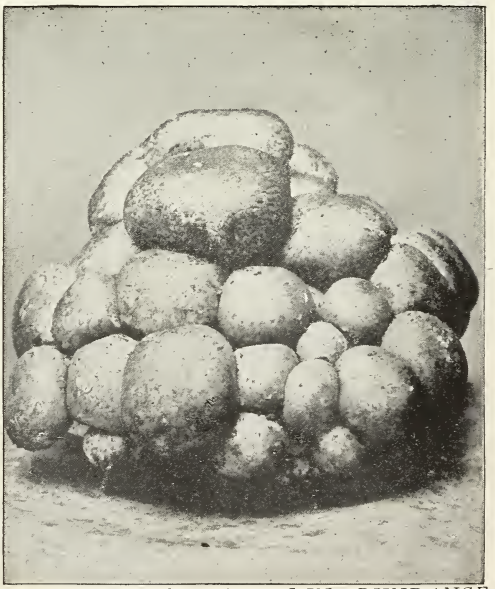
Mushroom Spawn.

WE have illustrated here a single stool of Mushrooms grown by a Chicago gardener from our special brand of English Mushroom Spawn. Mushrooms are much enjoyed as a table-luxury. With a little study to learn how, and experience in growing them, they may be had fresh by all who have a house-cellar, barn or woodshed.

For brief cultural directions see page 36.

For an extended treatise we recommend *"Mushroom Culture,"* by Wm. Falconer. Mailed, postpaid, for 75 cents.

Mushroom Spawn comes in bricks, which are broken into pieces about the size of a walnut and put into the bed. Per brick, 25c., postpaid. Not prepaid, lb., 15c.; 10 lbs., $1.00.



MUSHROOMS can be had IN ABUNDANCE by using BARNARD'S Brand of English Mushroom Spawn.

ONION BARNARD'S YELLOW GLOBE DANVERS.

PERFECT IN SHAPE.

BEST IN COLOR.

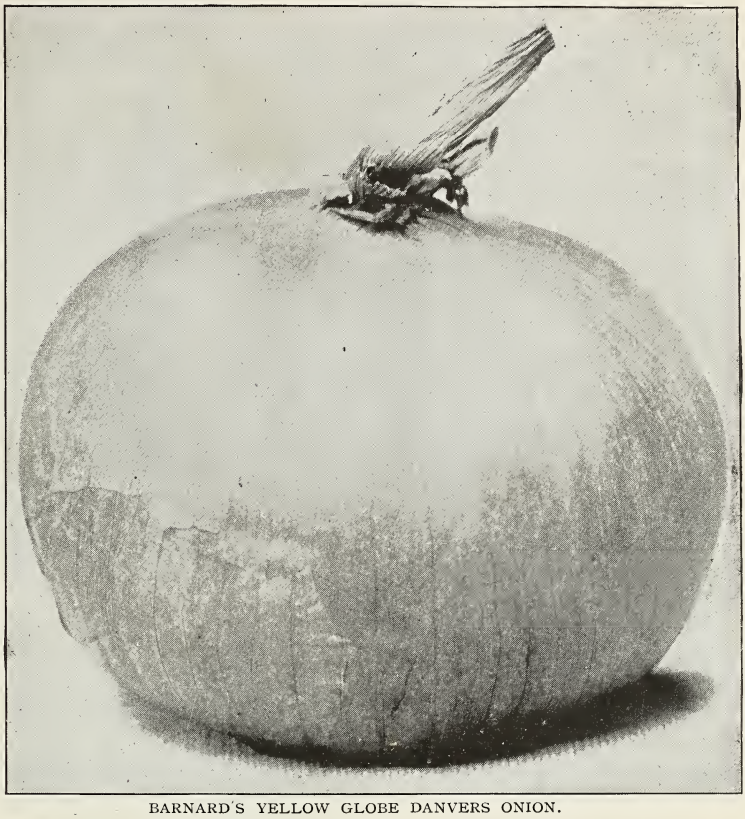
GREATEST IN YIELD.

THIS special strain of Yellow Globe Danvers Onion represents all that can be attained by intelligent cultivation and selection. Its *handsome appearance* will recommend it to the market man; its *long-keeping* qualities and *enormous productiveness*, to the grower. It produces firm, solid bulbs of medium size, their skin of rich brownish yellow color, white flesh, fine-grained, mild flavor and excellent quality. The necks are very small and cure down to almost nothing. Our illustration from a photograph speaks for itself.

IT MATURES EARLY AND ALL AT ONCE,

and brings the highest prices to our Chicago gardeners to whom we sell largely of this seed.

In point of yield it cannot be surpassed, 800 to 1,000 bushels per acre on good, well cultivated soil not being an uncommon crop. Seed from this type is the most reliable for bottoming, and the Onions are the very best of winter keepers. It is well adapted to all classes of soils, and especially good for marsh lands on account of its quick maturing qualities. All things considered, it is



BARNARD'S YELLOW GLOBE DANVERS ONION.

THE MOST PROFITABLE ONION FOR THE MARKET GARDENER.

Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., $1.00. Special price on large quantities.

MAGNUM BONUM PARSNIP.

ONION—WHITE GLOBE.

This is one of the handsomest Onions grown; of handsome shape, beautiful appearance and clear white skin, commanding the highest market price. Flesh, **pure snow white,** and flavor **extremely** mild. Grows very rapidly, ripening very early and evenly. **A splendid keeper.** We have a superior strain of very choice seed. Pkt., 5c. Oz., 15c.; ¼ lb., 50c.; lb., $1.50.

Parsnip—MAGNUM BONUM.

We believe this to be the finest stock of Parsnip that can be procured. It gives the highest satisfaction and yields the most money to market gardeners, because of its decidedly handsome appearance, smooth, heavy roots, very broad at the shoulder, fine grain and superior quality. The roots are not so long as the old standard sorts, and are very easy to gather. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 55c.

PARSLEY—CHAMPION MOSS CURLED.

THE CHAMPION is a prize winning English Parsley, in which all the best points are combined. The plant in appearance resembles a tuft of green moss. The leaves are large, beautifully curled and of a dark green color. This Parsley is **slow to run to seed, stands heat, cold and drought** better than any other sort, and does well in the open ground or cultivated in frame. May also be grown in window boxes. It is a great yielder, and market men will find it just the thing for selling in bunches of "pot herbs." Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.

PEAS.

BARNARD'S LEADER.

THE EARLIEST OF Extra Early Varieties.

THE records of another season have again shown that all the claims we made in former years for this very superior pea have been conclusively demonstrated. It is

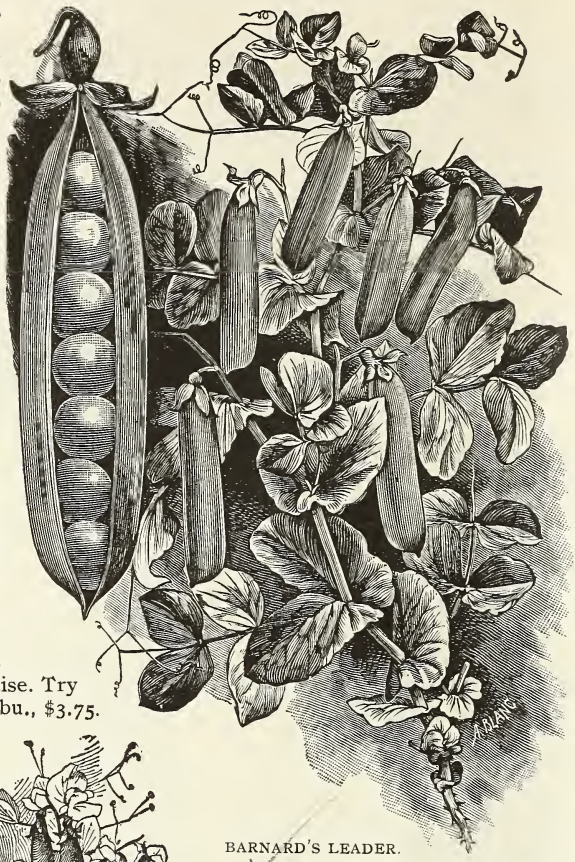
THE BEST VARIETY for MARKET GARDENERS

to plant and for home use we have yet to find a better extra early pea. Grows abont 30 inches high. Vines vigorous extremely prolific, the pods being numerous and well filled with peas of good size and delicious flavor. A further good quality is that of

RIPENING WITH GREAT UNIFORMITY

so that the vines can be stripped at one picking.

We have sold this Pea in past seasons very extensively and all who have grown it give it the highest praise. Try this year. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., $1.00; bu., $3.75.

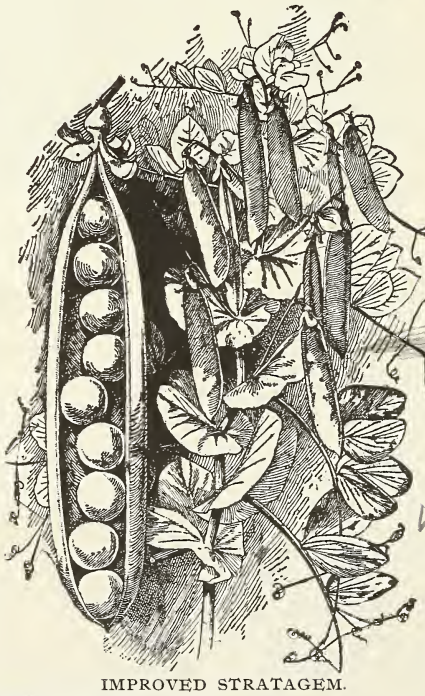


BARNARD'S LEADER.

IMPROVED STRATAGEM PEA.

Main Crop. Wrinkled. Dwarf.

For a main crop pea Chicago Market Gardeners now rely very strongly on the Improved Stratagem for it has all the good qualities which go to make up a first-class pea. The vines are strong, vigorous and covered with immense pods, many of the pods measuring five inches in length and occasionally containing as high as ten large fine flavored peas. There is no more popular pea among gardeners today than this notwithstanding the fact that much inferior stock has been sold throughout the country. Our strain is pure and we know will not disappoint the planter. Everyone should try it. Pkt., 5c.; pt., 20.; qt., 40c.; pk., $1.00; bu., $3.75.



IMPROVED STRATAGEM.

DUKE OF ALBANY.

Resembles and matures with Telephone. A desirable variety for the market gardener. Pods and peas very large. Semi-dwarf in habit. Peas wrinkled. Pkt., 5c.; pt., 25c.; qt., 40c.; pk., $1.10; bu., $4.00.

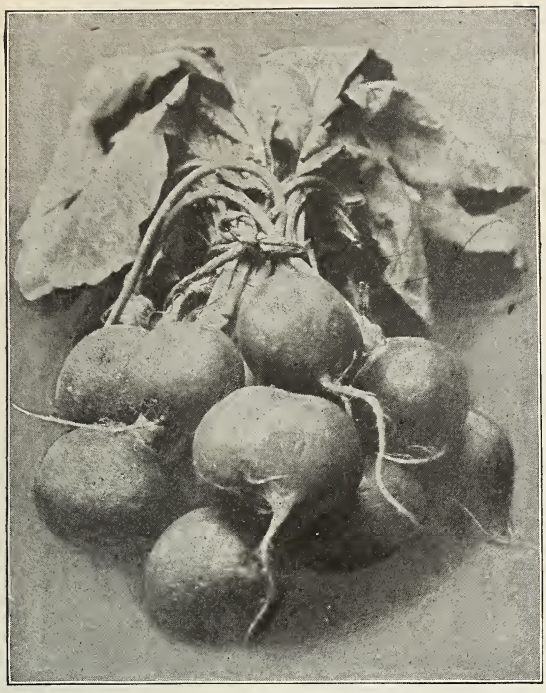
Sharpe's QUEEN.

The pods are very large, slightly curved, produced mostly in pairs, and are packed full of *great oval dark green Peas of delicious buttery flavor.* Pkt., 5c.; pt., 20c.; qt., 40c.; pk., $1.15; bu., $4.25.

DWARF SUGAR PEA.

Rich in sugar, starch and gluten. The edible podded pods are highly nutritious. They should not be shelled but the peas and pods eaten together in the same way as snap or string beans. Pkt., 5c.; pt., 25c.; qt., 40c.; pk., –1.40; bu., $5.00.

DWARF SUGAR PEA.



EARLY SCARLET GLOBE RADISH.

White Top Onion Sets.

THE common Yellow or Red Top Onion sets, from which are grown early, large, well flavored onions, are generally known.

The *White Top Onion* is not so common. We have an extra stock of these produced by hybridization. They produce larger onions than the ordinary varieties. They are more attractive in that they are *white*, and in table qualities they excel all others. Pt., 20.; qt., 35c., postpaid. Pk., (7 lbs.) $1.00, not prepaid.

ONION SEED.—Early Yellow Cracker.

Very early, of handsome shape, flesh white, of most excellent quality. Profitable to the market gardener. Pkt., 5c.; oz., 15c.; ¼ lb.; 40c.; lb., $1.35.

Barnard's Selected RADISH, Early Scarlet Globe.

Market Gardener's Improved Strain.

THIS very excellent variety is largely used for forcing. We illustrate a bunch of them (made from a photograph) raised by one of our local gardeners. It is extremely early, forms large, handsome, bright scarlet roots. For forcing under glass in the greenhouse, hot-beds or cold frames there is no better paying variety than this, and it sells better than most others. In flavor it is mild; crisp, juicy and tender. It makes a small top and will stand a great amount of heat without becoming pithy. Sown in the open ground in early spring it will produce Radishes 5 or 6 days ahead of all others. Pkt., 3c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Grand New Tomato "CRIMSON CUSHION."

WHEN the Ponderosa (see general list) was first brought out it was then thought that no superior large Tomato need be sought for. The "Crimson Cushion" is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to "blossom end;" in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. The "Crimson Cushion," like the Ponderosa, is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce one pound of seed.

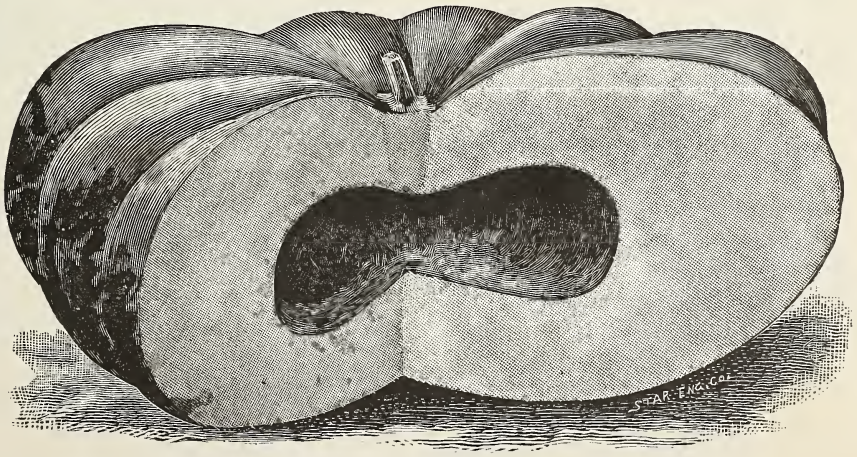
It is early for so large a Tomato and a prolific bearer. Flesh firm, meaty and of superb quality. Pkt., 10c.; oz.. 40c.; ¼ lb., $1.25; lb., $4.50.

TURNIP, White Milan.

THIS is said to be quite as early as the purple top Milan; color a pure white. In our experimental grounds it matured *earlier* than the red Milan, which makes it *the earliest of all turnips*. Top and tap root small. Certainly the king of the extra early turnips. Pkt., 10c.

ENTIRELY DISTINCT NEW PUMPKIN, "Thanksgiving."

OUR illustration shows the distinct shape and the thickness of flesh peculiar to this new Pumpkin. Specimens weighing fifty-five pounds contained less than two ounces of seed, so that this Pumpkin is really all meat. On account of this extra thickness of flesh the yield in pounds is double that of other kinds, as the fruit is produced in as great abundance if not more. The flesh is orange in color, of fine grain, sweet and has the delicious pumpkin flavor essential to the making of a first-class pumpkin pie. Pkt., 10c.



THANKSGIVING PUMPKIN.

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS, BULBS, Etc.

All have superior merit, though some are not strictly new.

CENTAUREA MARGUERITE.

NEW CENTAUREA, Marguerite.

2397. This fine annual from Italy, named in honor of the queen of that country, has, after trial, proved of much merit. It is valuable alike for cut flower and decorative purposes. Grows about eighteen inches high. The large flowers are purest white, deliciously scented and borne on long stems. Pkt., 10c.; 3 for 25c.

CENTAUREA ODORATA CHAMELEON.

2396. This plant is a fitting companion for the lovely Marguerite above described. It produces large, fragrant, pale sulphur-yellow flowers, changing into white and again into pink. Unique and attractive. Pkt., 10c.

NEW BACHELOR'S BUTTON, "Victoria."

2405. The Blue Corn Flower is one much appreciated for cut flowers and bouquets. The "Victoria" is a dwarf, compact strain, the plants growing from six to nine inches high, presenting a mass of foliage. Its lovely blue flowers are produced in great profusion. 10c.

CHRYSANTHEMUM, Perfection.

2549. To have from seed sown in the spring a large white bloom of a Chrysanthemum is certainly a novelty. In the Perfection we have such an one. It is a hardy perennial, growing not more than two feet high, forming a large bush which is literally smothered with pure white flowers of great substance. Pkt., 10c.; 3 for 25c.

COSMOS.

CALIFORNIA FANCY Cosmos.

See front cover.

2513. New shapes, new colors and variegations of color never dreamed of in Cosmos.

Cosmos is now a popular flower and justly so, for the strains offered vie with the Rose in brilliancy and brightness of color. Pkt., 10c.; 3 for 25c.

NEW JAPANESE ASTER.

2081. One of the best introductions of recent years. An entirely distinct race. Plant of pyramidal growth, about eighteen inches high, bearing large flesh-colored flowers which average about five inches across. They are made up of many and twisted needle-shaped petals, making the flower free from the usual stiff Aster appearance. The shape of the flower somewhat resembles a tassel. Sure to be admired and used as a cut flower. Pkt., 15c.

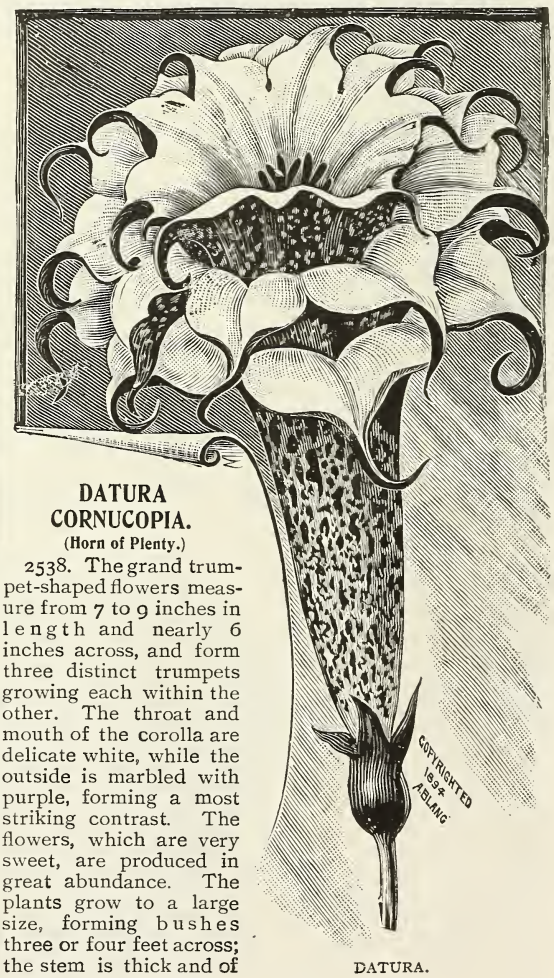
CHICAGO FLORISTS' ASTER.

For several years this very excellent strain has been cultivated by our best florists. The cut flowers command the highest price. In addition to the white heretofore offered, we can this season offer this Aster in mixed colors.

2124. **White.** Pkt., 10c. 2125. **Mixed.** Pkt., 10c.

BLUE DAISY. (Agathea Cœlestis.)

2012. Plants having sky-blue flowers, from their rarity, are always sought after. The Blue Daisy is one, and is worthy a place in every garden. It is equally desirable for the house in winter, grown in pots or boxes. Start the seeds in the house in rich soil and in a warm situation. Pkt., 5c.



DATURA.

DATURA CORNUCOPIA.

(Horn of Plenty.)

2538. The grand trumpet-shaped flowers measure from 7 to 9 inches in length and nearly 6 inches across, and form three distinct trumpets growing each within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple, forming a most striking contrast. The flowers, which are very sweet, are produced in great abundance. The plants grow to a large size, forming bushes three or four feet across; the stem is thick and of a shining dark purple. Pkt., 10c.; 3 for 25c.

NEW GILIA, DWARF WHITE.

2702. THE handsomest, most useful and decorative of the Gilia family. The plants grow about 8 inches high and are actually smothered with flowers, which are of snowy whiteness. When planted in a border the effect produced is similar to a ribbon or bank of snow, so completely hidden are the foliage and flower stalks. This plant is useful for all sorts of bedding, especially for park and cemetery work. Pkt., 10c.

GILIA, DWARF WHITE.

Japanese Morning Glories.

BY all odds the grandest of all climbing plants. The flowers which often attain the enormous size of 5 or 6 inches in diameter are of the most exquisite beauty, embracing white, rose, purple to almost black, crimson, blue, mottled, striped, pencilled, bordered, and an indefinite number of the most beautiful combinations. Vines grow quickly and 30 to 40 feet in height.

This year we are able to offer a yellow one put up separately. It is an odd and desirable color.

2943. **Yellow.** Pkt., 10c. 2945. **Mixed.** Pkt., 10c.

NEW MAMMOTH FRINGED FLOWERING "Allegheny" Hollyhocks.

A New Type of Hollyhocks.

2765. THE flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and so finely fringed and curled that, compared with the old ones, they have the look of a flower from Fairyland.

The colors are shell pink, rose and ruby red, a shade or two deeper at the center, and exquisitely tinted toward the edge.

The flowers do not, as on the other double Hollyhocks, rot on the stems, but drop as soon as they fade.

Every bud to the top of the plant is developed into flowers, making the flowering season considerably longer.

The cut gives an idea of these flowers, but does not by far do them justice, as the fine, graceful appearance and peerless shading cannot be reproduced; such colors are found only in silks. With its robust growth and large, graceful flowers this is a most decided novelty. Worthy of trial. Pkt., 15c.; 2 for 2 5c.

WONDERFUL New Fairy Roses From Seed.

WITH seed of these new Roses, plants may be had in bloom in 60 days from time of sowing. Plant at any time. They grow quickly, and flowers appear in large clusters, and in such great quantity that a plant looks like a bouquet. Perfectly hardy in the garden, where they bloom all summer. In pots they bloom both summer and winter. From a packet of seed one will get Roses of various colors—white, pink, crimson, etc.—no two alike, and mostly perfectly double and very sweet.

3500. **Mixed Colors. Pkt., 20c.; 3 for 50c.**

For HOLLYHOCK ROOTS, in Separate Colors, see page 92.

New and Charming Pansies.

FIRE KING PANSY.

3245. **Coquette de Poissy.** An entirely distinct and striking color different from anything before known in Pansies. A charmingly dainty blending of pale blue and rose tints, resembling the exquisite tones in some of the Cattleyas. (Orchids.)

3246. **Fiery Faces.** A particularly bright and showy sort; rich crimson scarlet with golden margin, the three lower petals regularly marked with large purple spots.

3247. **Tropaeolum Queen.** One of the most lovely variegated Pansies in existence. The flowers are mostly yellow grounded with scarlet and white spots, somewhat like those seen in Nasturtiums. Plant dwarf in habit, with very strong flower stems.

3252. **Superb Mixture.** (*Odier, Cassier, Bugnot and Trimardeau.*) All of them elegant Pansies.

3505. **President Carnot.** A valuable Pansy, for which we are indebted to a celebrated French raiser. The flowers are large, of elegant shape. A deep velvety violet blotch crosses the greater surface of each of the five petals, the outer edge of which is margined with clear white. The two colors stand out in sharp contrast, and form in a combination highly effective.

3345. **Fire King.** The 3 lower petals each have a large blotch of deep brown-red or magenta margined with yellow, while the upper petals are of a bright reddish-brown, of a *really fiery shade.*

3359. **Peacock.** The lovely ultramarine blue contained in the upper petals most nearly resemble this color in the feathers of a peacock.

3365. **Victoria Red.** The flowers are throughout of *a beautiful, rich, deep red color*, similar to those of single wallflowers.

3366. **Violet Blue.** This most charming color is sure to make this one a favorite.

3372. **Mammoth Butterfly.** A strain whose flowers are as varied as the colors of butterflies. They are about half as large again as ordidary Pansies.

Price, unless noted, per pkt., 10c. One pkt. of each, ten in all, 70c. *No further discount.*

PUTUNIA SNOWBALL.

New Petunia

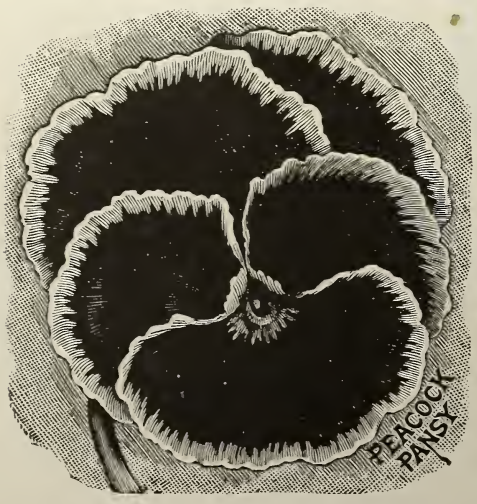
Snowball.

2965. This charming variety belongs to the dwarf compact class, forming round, bushy little plants, about 8 inches high. The flowers, while not large, are of splendid substance, remaining boldly expanded, and are produced in such profusion as to fairly cover the plant with its pure satiny white blossoms, forming a veritable "Snowball." It blooms uninterruptedly for months and makes a beautiful edging for bedding plants, and is also a beautiful object grown in pots. Pkt., 20c.

Petunia

Superbissima.

2971. If you want the largest, most handsome Petunias you ever saw, do not fail to order Superbissima. Individual flowers measure five inches across, while the colors are particularly rich and velvety. This strain contains all colors, those of deep, velvety crimson and purple predominating. Each flower is ruffled or fringed on the edge, and pencilled or veined in many variations, running down into the throat. These Petunias are the acme of perfection. Pkt., 20c.; 3 for 50c.



Dwarf Phlox.

Phlox Drummondii Nana Compacta.

In the public parks of our city where ribbon bedding is seen in its perfection, very liberal use is made of the Dwarf Phlox. The young plants set out in June soon grow into neat bushy form, about six inches high, and all through the summer until late in the fall are covered with flowers. The colors of the flowers and their size are fully as brilliant and large as Drummond's Phlox, as ordinarily grown.

3439. **Snowball.** Studded with snow-white flowers. Pkt., 10c.
3444. **Fireball.** Same habit as above; brilliant scarlet. Pkt., 10c.
Dwarf Phlox. All colors mixed. Pkt., 10c.; 3 pkts. for 25c.

For other very fine Pansies and Petunias see pages 74-75.

Latest Introductions in SWEET PEAS

IMPROVEMENT in Sweet Peas the past few years has been marvelous. It would seem that with the numerous varieties of all forms and colors previously introduced, the possibility of bringing out anything more desirable is precluded. But the untiring energy of the specialists brings unexpected results. The new ones offered below comprise a set of remarkable novelties.

New Dwarf Sweet Pea PINK Cupid.

Like the original CUPID (white), this little wonder hails from California. It is *not a sport*, but an actual departure from its parent, the tall Blanche Ferry. In habit and manner of growth it is strictly a Cupid, spreading from the root, growing from six to eight inches high, and shoots up stems about six inches long which bear, in full bloom, at once, from three to four handsome pink blossoms.

The seed, which is black, germinates readily. Pink Cupid **is easy to grow anywhere.** Though flowering early, the plant continues in bloom very late. "Pink Cupid is really a great, great improvement on the White Cupid; not in growth, for they both have the same compact habit; nor in abundance of flowers, for in that Pink Cupid is the worthy brother of the white, but the new Pink imp is decidedly stronger than the white."

PRICE: Regular size Packets, (each containing 24 seeds) per pkt., 25c.; 5 pkts. for $1.00.

THE CREAM OF THE NEWEST SWEET PEAS.

The splendid varieties described on this and two other pages in the volume of this catalogue, pages 78-79, embrace everything in Sweet Peas produced to date that is *distinct, beautiful and desirable.*

AURORA.

3680. Flowers are *very large*, strikingly beautiful, three to four on a stem. The color effect is charming, both wings and standard are flaked and striped on a white ground with bright orange salmon. For bunching alone or to brighten a bouquet of assorted colors nothing could be more charming. Pkt., 5c.; oz., 15c.

BRILLIANT.

3689. Color a rich, bright *crimson scarlet.* Does not sunburn or become marbled. Pkt., 5c.; oz., 15c.

CAPTIVATION.

3693. An expanded flower of a color new in Sweet Peas —a purple magenta. Pkt., 5c.; oz., 15c.

CROWN JEWEL.

3696. Creamy white, shaded and veined with violet rose. It is a most profuse bloomer. Decidedly one of the best. Pkt., 5c.; oz., 15c.

LITTLE DORRIT.

3730. A superb pink and white large expanded flower. A much improved Blanche Ferry. Pkt., 5c.; oz., 15c.

MARS.

3741. Of all the *scarlets*, this is the best. The color is bright, *fiery*, deepening with age. Pkt., 5c.; oz., 15c.

PINK Cupid bears generally three and sometimes four flowers to a stem. The illustration above was accurately engraved from a photograph, *exactly natural size.* The flowers are identical with the tall-growing *Blanche Ferry* and are *always fully equal in size.*

MRS. JOS. CHAMBERLAIN

3743. Large, round, shell-shaped flowers of fine form; white ground heavily flaked and striped with bright rosy red. Pkt., 5c , oz., 15c.

NEW COUNTESS.

3750. Nothing more beautiful for a bouquet than the *pure*, light lavender flowers. Pkt., 5c.; oz., 15c.

PRIMA DONNA.

3753. Light pink; *a gem;* frequently bears four well-formed flowers on a stem. Pkt., 5c.; oz., 15c.

PRINCESS VICTORIA.

3767. Rosy pink; wings rose, lined pink. Fine large flower. Pkt., 5c.; oz., 15c.

RED RIDING HOOD.

3768. Flowers in form resemble a Snapdragon. Color rosy pink, shading to blush white. The fragrance surpasses, in a marked degree, that of other Sweet Peas. The length and rigidity of the stems is remarkable; they run eighteen inches long and over. Pkt., 10c.

SPECIAL OFFER: One packet of each of the eleven varieties (Pink Cupid is not included), **the cream of the Newest Sweet Peas,** value 60c., for only 40c., net. *No further discount.*

—o—

Bouquet Collection Containing **one packet each of sixteen superb varieties.** See page 79, **50 cents.** The same sixteen kinds each put up in a separate oz. bag, making **a pound of Sweet Peas for 75c.**

Surprise Collection. Twenty large packets, *your selection,* from our "Complete List of Sweet Peas" (page 79), **50c.**

Royal Mixture Contains seeds of more than thirty varieties of very choice Sweet Peas. **Pkt., 3c.; oz., 7c.; ¼ lb., 25c.; lb., 60c., postpaid.**

Surburban Mixture. Will produce abundance of lovely flowers. **Lb., 35c.; ½ lb., 20c.; ¼ lb., 10c.; oz., 5c.; pkt., 3c.** Try this fine mixture.

The Finest NEW Large Flowered CANNAS.

NO other bedding plant can compare with them. Planted in good soil, with plenty of sun, Cannas *take care of themselves* and grow as readily as corn. The following set of eight are *grand* sorts in every particular.

CHICAGO.

Best vermilion scarlet to date; green foliage with leaves 9 to 10 inches wide, flower truss and stalk stand boldly erect. The large flowers open out nearly flat, petals 1½ inches wide and five in number. The color is a clear, deep vermilion, smooth and without markings except a purplish gloss. Each, 20c.

LUTHER BURBANK.

Clear, beautiful canary yellow. Flower twice the size of that of Mad. Crozy. Strong, vigorous grower, foliage rich green and thick. Without any flowers this Canna makes a good decorative plant. We consider it one of the best. Each, 25c.

GENERAL DODDS.

Vermilion with crimson dots. Foliage rich deep bronze. Flowers of good size. A good one to plant for contrast in color of leaves. Each, 15c.

PAUL MARQUANT.

Its color is frequently compared in softness to an Orchid, is of a bright salmon scarlet, passing to a rosy carmine with a peculiar silvery lustre, which lights up the salmon very brightly. Each, 15c.

TARRYTOWN.

A distinctly new color—brilliant cherry-red, similar to Egandale but more striking. Foliage green, healthy. A dwarf, compact grower and very free bloomer. The flowers not only last a long time, but wind and rain do not mar or disfigure them. Each, 60c.

ITALIA.

Golden yellow, largely blotched with vivid, velvety scarlet of indescribable beauty. Foliage banana-like, bright green with white margin. Very large, five-petaled flowers six to eight inches across. A truly grand Canna. Each, 25c.

MAIDEN'S BLUSH.

An American seedling. The color is new—a rosy flesh. Deep green foliage, massive and leathery. Large spikes with flowers of good size. Offered for the first time. Each, 60c.

MAD. ALPHONSE BOUVIER.

Color light, bright scarlet, laced on the edge with gold, and also marked in the throat of the flower; very large and finely spread. One of the finest of the gilt-edged varieties. Each, 20c.

A CANNA BARGAIN.—One good root of each of the above eight **New Large Flowered Cannas** for $1.75, postpaid. Larger roots by express, not prepaid, at same price. *For General List of Cannas, page 83.*

NEW Cactus Dahlia.

CLIFFORD W. BRUTON.

This superb, new variety is acknowledged by all who have seen it to be the finest yellow Decorative Cactus Dahlia ever produced, and is the greatest acquisition since Nymphæa. It is a very strong, sturdy grower, and an extremely profuse bloomer for so large a flower. The flowers are large, five to six inches in diameter and perfectly full to the center. The color is a solid pure yellow of the clearest, richest shade. The flowers are borne on very long graceful stems. Each, 50c.

DOUBLE DAHLIA.

WHITE DOVE.

Very distinct, unlike any other white Dahlia whatever. Plant a robust grower, with long-stemmed flowers. Its pure white color and round full form make it a very valuable cut flower. Long toothed and quilled petals of perfect shape. Each, 20c.

We have an excellent collection of Dahlias of all kinds. See General List, page 84.

A Page of New and Good FRUITS.

BISMARCK APPLE TREE.

BISMARCK APPLE.

A New Zealand production. Tested and found to be very hardy in this country and Europe. *Bears when only two years old.* Largely grown in pots for decorative purposes. Fruit large and handsome; flesh tender, delicious flavor, fine for cooking; will keep into March. Young plants 25c. each, by mail, postpaid. Extra large, 50c. each, express or freight.

The Logan Berry.

A hybrid of the Raspberry and Blackberry. The fruit is bright red, in form like large Blackberries, combining the flavor of both Raspberry and Blackberry; pleasant and vinous, not only excellent for dessert but good for canning, jellies, etc. Seeds few and small, strong grower, no thorns, but the canes have soft spines like the Raspberry, with similar foliage; endured the extreme cold of the winter of 1894-5 in Northern Ohio without injury. Each, 25c; doz., $2.50. By mail, if desired.

Strawberry Raspberry.

ANOTHER new fruit from Japan. The plants are low, spreading, with dark green foliage; fruit ripens early, the size and shape of a strawberry, color crimson, delicate flavor. Each, 15c.; doz., $1.50; per 100, $10.00. By mail if desired.

New Grape

Campbell's Early

IT is the culmination of forty years' work to raise a perfect grape. A seeding of Moore's Early. The vine is a vigorous grower, hardy, with healthy foliage, which resists mildew. It bears an abundance of very large clusters, usually shouldered and compact. Berries are nearly round, often one inch or more in diameter, black with a blue bloom. Skin thin, but very tenacious, making it an excellent shipper. Flesh rather firm but tender, parting easily from its few small seeds. Flavor is rich, sweet, slightly vinous, with no trace of foxiness or unpleasant acidity from the skin or the center. Ripens very early and has hung on the vines six weeks after ripening, in perfect condition, showing no tendency to shell off. It is very highly spoken of by all who have seen it as combining more good qualities than any other grape. We believe it has come to stay. Try it in a small way this year. Price, 1 year old vines, each, $1.00; 2 year old vines, each, $1.50.

These Grape Vines will be cut back to three eyes—the best form in which to plant. They are well rooted, first-class in every respect.

❋ ❋ CRUNELLS. ❋ ❋

A decidedly unique fruit, inasmuch as the bush is that of a Currant and the berries resemble the Gooseberry. The foliage and growth show it to be a variety of the Missouri Sweet-fruited Currant, being an upright, vigorous, clean, healthy grower, very much resembling the Crandall Currant, with branches smooth and spineless. It is entirely free from mildew and the attacks of worms. Very prolific. Strong 1 year, each, 50c.; 3 for $1.25, postpaid. 2 years, transplanted, each, 75c.; 3 for $2.00, not prepaid.

Loudon Raspberry.

THE leader among *Red* Raspberries. Large fruit, dark crimson, of splendid quality and a great yielder. Each, 15c.; doz., $1.50. By mail if desired.

Mr. E. S. Carman, editor of the *Rural New Yorker*, says: "It is the best late Red Raspberry in existence." The hundreds who have seen it fruiting all unite in sounding its praise. We believe we are doing just right to advise all to plant *Loudon*.

SPECIAL OFFER: One good plant of each of the above Six New and Good Fruits (which at catalogue price amounts to $2.30), for $1.75, prepaid; or larger plants by express at purchaser's expense at same price.

For a very complete list of Fruit Trees, Grape Vines and Choice Small Fruits, see pages 95-97.

LOUDON RASPBERRY.

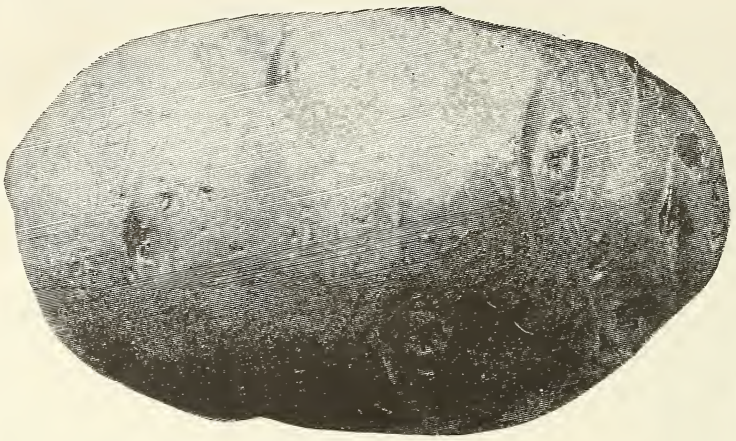
NEW POTATO, The Early THOROUGHBRED.

EARLIER THAN THE OHIO.

Handsome in Appearance.

Quality • • • • Superb.

The Best Potato of its Class.



EARLY THOROUGHBRED.

An Enormous Yielder.

One barrel (165 lbs.) produced 45,840 pounds or 764 bushels of marketable potatoes.

FROM seed stock obtained direct from Mr. Maule, who brought out this very excellent potato, a crop has been grown for us in Michigan. Mr. Maule's description in part is: "Thoroughbred is as fine flavored as the Freeman, as great a cropper as the Irish Daisy, and as early or earlier than Early Ohio."

THE accompanying illustration shows the form and handsome appearance of the Early Thoroughbred. By its earliness it escapes the summer droughts, while its keeping qualities are not surpassed. The tubers are oblong, smooth; in color light blush or dink. Thoroughbred resembles the Rose in shape and color.

THE vines are vigorous and healthy. The tubers form very compactly in the hills. In digging the Thoroughbred one is surprised at the uniformity in size and shape and their remarkable productiveness. There are practically no small potatoes among them, nearly all being of merchantable calibre. When cooked this potato is superb, the opinion of connoisseurs being that "the quality for eating is something extra."

For so valuable a variety we offer this seed at a very reasonable price, 1 lb., 25c.; 3 lbs., 60c., by mail postpaid. ½ pk., 30c.; pk., 50c.; bu., $1.50; bbl., $3.50, by freight or express.

Extra Early Acme.

Fully one week in advance of any other potato in earliness. The Acme was produced from a seed ball taken from a vine of the Snowflake growing between Early Rose and Early Ohio. The tubers are handsome in appearance, uniform in shape and size, oblong; *remarkable keepers, do not sprout until late in the spring.* Skin flesh color, flesh white.

THE MARKET GARDENER'S MASCOT.

The Acme can be marketed at least ten days before the tops die. Outyields the Early Ohio two to one. "*Hills of new potatoes fit for table use can be dug in five weeks from time of planting.*" Price, 1 lb., 30c.; 3 lbs., 75c., by mail postpaid. ½ pk., 30c.; pk., 50c.; bu., $1.50; bbl., $3.50, by freight or express.

New Dent Corn, Iowa "SILVER MINE."

The heaviest yielder known; 215 bushels to the acre.

This, the most wonderful corn ever introduced, is destined to become the most popular of the many varieties now before the public, because it is the most profitable. Last season the tremendous crop of *two hundred and fifteen bushels* was grown upon a *single acre* of land. This we know sounds improbable, if not positively impossible, but the facts cannot be overcome, and in this case can be proven to everyone's satisfaction.

The size of ear of Iowa Silver Mine is equal to most varieties of late corn, while its long, pure white kernels set on a white cob of ten to twelve inches long, make it the superior of all sorts.

An average in size, depth of grain and size of cob.

In fact the best idea of this corn may be obtained by comparing it with any of the other varieties of ninety day corn as follows: It is from fifty to one hundred per cent larger ear; yield per acre is two hundred to three hundred per cent greater; shells out from ear ten to fifteen per cent more corn, and *is* a ninety day corn, not called ninety day and taking 100 days to mature, but maturing in ninety days from time of planting.

The stalks grow to a height of seven or eight feet and set the ears 3½ to 4 feet from the ground. Price, ½ lb., 15c.; 1 lb., 25c., by mail postpaid. Shelled, ½ pk., 20c.; pk., 35c.; bu., $1.25.

For general list of Potatoes and Corn see pages 42, 53 and 54.

GENERAL

List of Vegetable Seeds

PRICES... REDUCED

TO meet the prevailing monetary values our entire list has undergone a thorough revision, and prices are cut to the lowest notch at which good seeds can be supplied. In order that those whose needs in the seed line are comprised within a few packets or ounces may share these reductions, a greatly increased discount has been arranged, viz:

DISCOUNT ON SEEDS IN PACKETS AND OUNCES.

Purchasers may make selections of seeds in **Packets and Ounces** at the following discounts:

When sending $1.00, to the value of $1.30. | **When sending $3.00, to the value of $4.00.**
When sending $2.00, to the value of $2.70. | **When sending $4.00, to the value of $5.50.**
When sending $5.00, to the value of $7.00.

These discounts **do not apply** to seeds sold in bulk **in larger** quantities than one ounce, nor on collections, bulbs, plants, or tools. For all of these the published price must be sent.

ON SEEDS IN BULK. FROM Catalogue Prices by the ¼ pound, pound, peck or bushel (except on grass and clover seed) when cash is sent with order, purchaser may deduct 5 per cent on an order from $3.00 to $5.00, and 10 per cent on an order from $5.00 to $10.00.

OUR PRICES INCLUDE POSTAGE on packets, ounces, quarter pounds, pounds, pints and quarts, Except Where Noted. If the purchaser will pay the freight or express charges, ten cents per pound, fifteen cents per quart and ten cents per pint may be deducted from the prepaid prices herein offered.

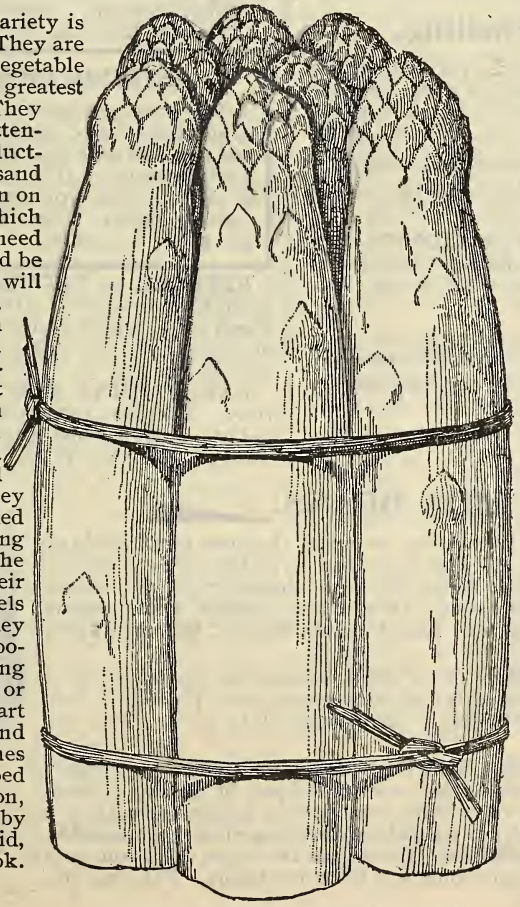
ARTICHOKE.

Artischoke, GER. Artichaut, FR.

Sow Seeds in April or May in deep, rich, sandy loam with plenty of well rotted manure. When large enough transplant into rows three feet apart and two feet in the rows.

GREEN GLOBE. Much esteemed for its delicately flavored flower heads which are prepared for eating like Brussels Sprouts or Kale. Pkt., 5c.; oz., 30c.

JERUSALEM. This variety is not produced from seed. They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. They are remarkable for their fattening properties, great productiveness (over one thousand bushels having been grown on one acre), and ease with which they can be grown. They need not be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventative of cholera and other hog diseases and they are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. Three bushels will seed an acre. They should be cut the same as potatoes, one eye to a cut being sufficient, planted in April or May, in rows three feet apart and two feet in rows, and covered about two inches deep. They can be shipped any time during the season, if they are not injured by freezing. Lb. 25c., post-paid, by express or freight; pk. 75c; ½ bu., 65c; bu. $1.25.



COLUMBIAN MAMMOTH WHITE ASPARAGUS.

ASPARAGUS SEED.

Spargel, GER. Asperge, FR.

1 oz. will sow 60 feet of row, and produce about 500 plants.

To grow Asparagus plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, and in the fall or spring the plants may be set out in beds about a foot apart each way, with the crowns four inches below the surface. Before winter cover the transplanted beds with four inches of manure. Sow a little salt on the surface in the spring, and it will keep down the weeds.

COLUMBIAN MAMMOTH WHITE. The valuable feature of this new sort is that its shoots are white and remain so without earthing or blanching. It is stronger in habit, throws larger shoots and fully as many as Conover's Colossal. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

PALMETTO. Extremely early, productive and of uniform growth. Pkt., 3c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

CONOVER'S COLOSSAL. The standard variety for market or home use. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 40c.

ASPARAGUS ROOTS.

One to two years time may be gained by using roots. Set out in spring or fall.

If to be sent by mail add 30c. per 100 to prices given. We will mail 25 at 100 rate.

COLUMBIAN MAMMOTH WHITE. Two-year-old roots, 100, $1.00; 1000, $6.50.

PALMETTO. Two-year-old roots, 100, $1.00; 1000, $6.00.

CONOVER'S COLOSSAL. One-year-old roots, 100, 50c.; 1000, $4.50. Two-year-old roots, 100, 75c.; 1000, $5.00.

BUSH BEANS.

Bonnen, GER. Faijorenano, SP. Haricot, FR.

1 Quart to 100 feet of drill or to 200 hills; 2 bushels per acre in drills.

Warm, light, slightly fertilized soil, in a sunny situation, should be used. As soon as all danger of frost is past, plant in drills 18 to 30 inches apart, 2 inches in depth, and at a distance of 3 to 6 inches in the row. If hills be preferred, space them 2 feet apart one way and 3 feet the other. Never work among the vines when wet, as it induces rust.

IMPROVED RED VALENTINE.

Varieties for Shelling.

BOSTON SMALL PEA. Early, very hardy, and very prolific, and yields from forty to sixty fold, and in some instances, a hundred, with ordinary field culture. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

WHITE NAVY. Valuable chiefly as a field bean and considered by many the best baking variety. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

ROYAL DWARF, OR WHITE KIDNEY. Excellent cooked with sweet corn, making "succotash." Among the best as a winter bean. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bu., $2.75.

DWARF HORTICULTURAL. A half-early; very productive and much esteemed for mild flavor and general good quality of the dry beans. Excellent for snaps. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bu., $2.75.

LARGE WHITE MARROW. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., $2.50.

Green-Podded Varieties.

IMPROVED RED VALENTINE.

One of the finest snap varieties. Pods long, curved, fleshy and extremely tender. Highly appreciated by market gardeners generally for its extreme earliness, the crop maturing *fully ten days earlier than the common Valentine*, and remaining longer in condition for use. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., $2.50.

WARREN. A thorough trial convinces us that this is the *richest flavored bush bean.* It is a good yielder. Pods large, pulpy and stringless. We recommend a trial. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

EARLY MOHAWK. Very early, will stand a light frost. An old stand by and a prolific sort. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., $2.50.

LONG YELLOW SIX WEEKS. Hardy, early and productive. A standard sort for general crop. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., $2.50.

BEST OF ALL. Pods long, tender, succulent, stringless and of rich flavor. Very popular, especially in the South. Excellent for winter shell beans. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., $2.50.

IMPROVED EXTRA EARLY REFUGEE.

Similar to the ordinary refugee, but nearly two weeks earlier. It has all the good qualities of the old Refugee; the vines are equally as vigorous, hardy and unusually prolific. Quality unsurpassed. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bu., $2.75.

STRINGLESS GREEN POD.

The only *absolutely stringless* Bush Bean, and even *earlier than Yellow Six Weeks*, while the pod is round and full, longer and straighter than Red Valentine. It is hardy and prolific and is entitled to take front rank. In quality there is nothing better. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., $1.25; bu., $4.50.

REFUGEE, or THOUSAND TO ONE. A most desirable late variety. Hardy and abundant yielder. Flesh thick, tender and exceptionally fine as a snap or picking variety. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., $2.50.

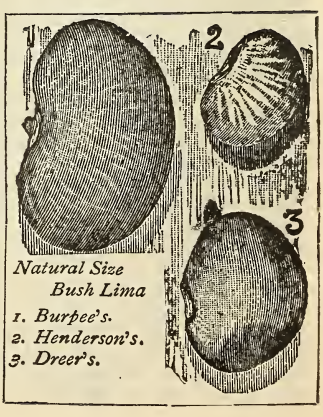
EARLY CHINA RED EYE. An old standard variety. Excellent for snaps when young, and of finest baking quality when ripe. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., $2.50.

BUSH LIMA BEANS.

BURPEE'S DWARF LIMA. Recognized as one of the most remarkable of new vegetables. The beans are fully as large and have the same delicious flavor as the large Pole Lima Bean, while the bush character is fully established, coming absolutely true from seed. It is a *sure cropper* and *immense yielder*, bearing large handsome pods. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., $1.25; bu., $4.50.

HENDERSON'S DWARF LIMA. Two weeks earlier than any of the Pole Limas. While the beans are not so large as some others, they possess a delicacy of flavor, and productiveness that is surprising. Pkt., 5c.; pt., 20c.; qt., 40c.; pk., $1.10; bu., $4.00.

DREER'S DWARF LIMA. This is the Bush form of the well known Dreer's Improved Pole Lima, generally conceded to be the finest in quality of Pole Beans. The dwarf form attains only about two feet in height and makes a strong growth. From its propensity to yield abundant foliage it is recommended to plant on sandy soil where practicable. The beans are large, thick and succulent. Many pods contain four and some will have five beans. Pkt., 5c.; pt., 20.; qt., 40c.; pk., $1.25; bu., $4.50.



Natural Size Bush Lima

1. Burpee's.
2. Henderson's.
3. Dreer's.

Wax or Butter Beans.

We Pay Postage on Packets, Pints and Quarts at these Prices.

IMPROVED GOLDEN WAX.

FLAGEOLET WAX.

IMPROVED GOLDEN WAX.

This new strain of Golden Wax is of vigorous growth, quite free from rust, early and productive. Pods are *thicker* than Golden Wax, stringless and of much better quality. *Absolutely rust proof.* Pkt., 5c.; Pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

YOSEMITE MAMMOTH WAX.

In this we have a most perfect wax bean. The mammoth pods, 8 to 10 inches in length, are nearly all *solid pulp, absolutely stringless,* cooking tender and delicious. Pods are rich golden in color and of handsome appearance. The plant is vigorous and exceedingly productive. Pkt., 7c.; pt., 25c.; qt., 45c.; pk., $1.50; bu., $6.00.

WARDWELL'S KIDNEY WAX.

Earlier, a better yielder than Golden Wax, and not liable to rust. Pods long and showy, rich golden color, stringless and of excellent quality. Beans, kidney-shaped. Decidedly the best variety for the market gardener. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

CURRIE'S RUST PROOF WAX.

For earliness this is at the head of the Wax Family. It is not only rust proof, but is exceedingly productive. Pods long, flat and straight, of a beautiful golden color. Quality, the very best. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

CHALLENGE BLACK WAX. An extra early Wax Bean, fully one week earlier than any other Wax Bean. Plants very vigorous and prolific. Pods have the same general appearance and are about the same size as the German Wax, but are not quite so much curved and are flatter. Market gardeners and those wishing early Wax Beans should give this a trial. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

WHITE WAX. Tender and delicious as a snap bean. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

IMPROVED PROLIFIC BLACK WAX. Very early and prolific. The pods are round, full, stringless and of fine quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

FLAGEOLET WAX.

Valuable for both private and market garden. The pods are often one foot in length and of a beautiful golden wax color, quality the very best, exceedingly succulent and tender. Beans when dry are bright red. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

REFUGEE WAX.

A perfect Refugee, with wax pods that are long, round and of a golden yellow color. It is suitable for early or late sowing, and for a wet or dry season. An immense yielder. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., $3.25.

DAVIS KIDNEY WAX.

THE BEAN FOR THE MARKET GARDENER.

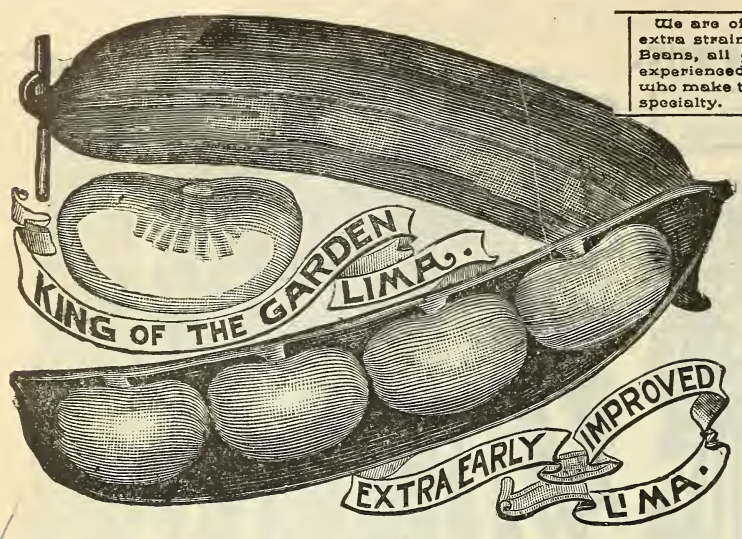
This new bean has already become very popular. The large beans are pure white, excellent for cooking green or dry. The pods while young are stringless, tender and of excellent flavor, very long, straight and uniform size and shape, of a clear waxy white. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., $3.25.

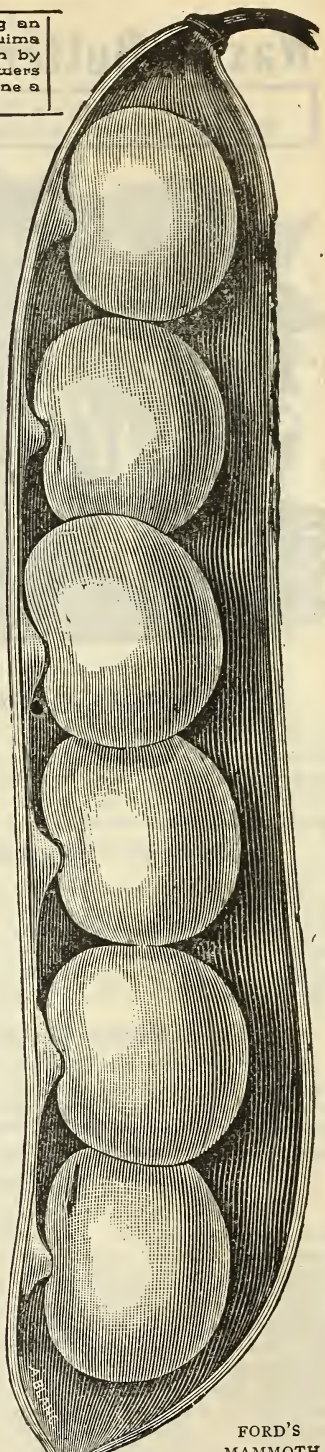
Yellow Eye Wax.

This variety is highly esteemed for its merits, which are earliness, vigor of growth, health and freedom from rust, great productiveness, handsome appearance, and good keeping qualities. These combine to win for it favor, both as a shipping variety and for the private garden. Large flat yellow pods. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bu., $2.75.

BLACK WAX. Early. Pods short, round, nearly white, beans black, when ripe. Valuable as a snap bean. Amply rewards the gardener for good care and cultivation — whether for the market or the home table. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bu., $2.75.

We are offering an extra strain of Lima Beans, all grown by experienced growers who make this line a specialty.





FORD'S MAMMOTH

Running or Pole Beans.

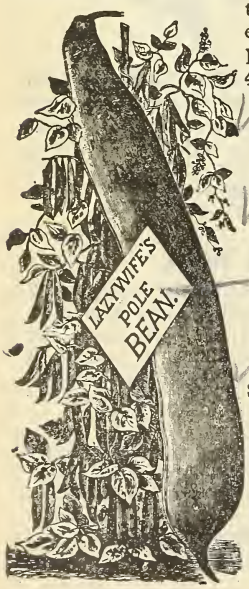
KING OF THE GARDEN LIMA. In general habit of growth this is similar to the large white Lima but matures the fruit much earlier. It possesses the characteristic of setting beans early at the bottom of pole and producing continuously to the end of the season. In productiveness they excel the common Lima. Pods are 6 to 8 in. in length and contain five to seven beans of unusual size, which lack nothing in quality. Pkt., 10c; pt., 25c; qt., 40c; pk., $1.25; bu., $4.75.

EXTRA EARLY LIMA. An exceedingly fine variety, which by careful tests, has proved to be *ten days or two weeks* earlier than any other. The pods are large and borne in abundance; contain four to five beans each, of superior quality. Altogether it is a profitable variety and especially recommended to those who grow Lima Beans for market purposes. Pkt., 10c; pt., 25c; qt., 40c; pk., $1.25; bu., $4.75.

LARGE WHITE LIMA. A late standard variety, which has long been considered the most tender and delicious bean grown, either green or ripe. Ours is an extra selected stock. Pkt., 10c; pt., 25c; qt., 40c; pk., $1.25; bu., $4.75.

FORD'S MAMMOTH PODDED LIMA.

This new strain of Lima Beans comes from Philadelphia and is the result of over 20 years selection of one of the oldest and most successful gardeners around that city. The pods are produced in great clusters averaging in length 8 in., and enclosing from five to seven beans per pod, of most excellent quality for use either green or dried. The bean when dry is of mammoth size excelling the King of the Garden and other improved sorts. It bears continuously through the season up to the time of frost. *Ford's Mammoth Podded*, is without exception the largest podded, finest flavored and most productive of all Lima Beans. Pkt., 10c; pt., 25c; qt. 40c; pk., $1.40; bu., $5.00.



CUTSHORT OR CORNHILL. An old variety very popular for planting among corn. Will give a good crop without the use of poles. Vines medium with dark colored smooth leaves; pod short, cylindrical and tender. Pkt., 5c; pt., 25c; qt., 40c; pk., $1.25; bu., $4.75.

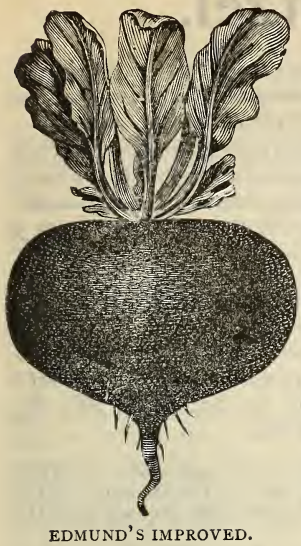
DUTCH CASE KNIFE. One of the earliest of the pole beans and good either green or dry. Pkt., 5c; pt., 25c.; qt., 45c.; pk., $1.50;

LONDON HORTICULTURAL. — (*Wren's Eggs. Speckled Cranberry*). Fine as a string bean but particularly well flavored when shelled either green or ripe. Very hardy and productive. Preferred by many to the Lima Bean. Pkt., 5c.; pt., 25c.; qt., 40c; pk., $1.20.

SCARLET RUNNER. Cultivated for the beauty of the foliage and blossoms. Flowers scarlet. Pkt., 5c; qt., 30c; pk., $1.75.

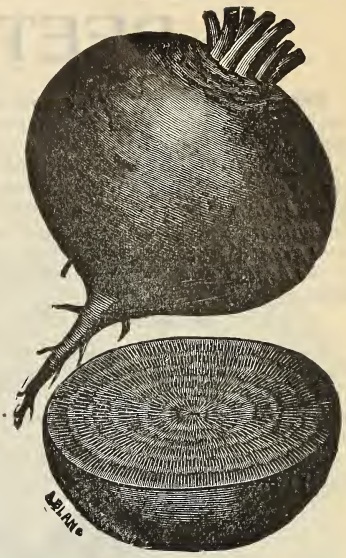
LAZY WIFE'S. Pods from 4 to 6 inches long. Stringless, rich and buttery when cooked. Beans white. *Unsurpassed as shell beans for winter use.* Pkt., 7c; pt., 25c; qt., 45c; pk., $1.75.

KENTUCKY WONDER. *Best green podded Pole Bean.* Pods a foot long, fleshy, stringless and of excellent flavor. Can be grown with corn to good advantage. Pkt., 5c; pt., 25c; qt., 40c; pk., $1.20; bu., $4.50.



EDMUND'S IMPROVED.

EGYPTIAN BLOOD TURNIP BEET.



ECLIPSE BEET.

BEETS.

Runkelrueben, Gr. Remolacha, Sp. Betterave, Fr.

1 oz. to 100 ft. of drill; 5 to 6 lbs. to the acre in drills.

A rich, deep light soil is particularly necessary for a successful growth of beets. For early supply sow very early in spring, soon as ground can be worked, in drills 18 inches apart, 1 inch deep and thin to four inches in the row. For autumn and winter crops, sow later in the season—from the middle of May to the last of June. In October the roots may be taken up and stored in cellar or in pits outside, like potatoes. When young the leaves make excellent greens.

We make special prices in larger quantities.

CROSBY'S EGYPTIAN BEET.

The earliest Beet in cultivation. Originated by careful selection from the old red Egyptian, resulting in handsome form, very small tap root, deep rich color, splendid quality, and above all, very rapid growth. Much in demand by market gardeners for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

EDMUND'S EARLY BLOOD TURNIP.

No variety is more highly esteemed or generally used by Chicago market gardeners than Edmund's Blood Turnip. We have the highest and most perfect type of this excellent variety. None better can be obtained anywhere. The skin is very deep, blood-red in color; the flesh also is very dark red, exceedingly sweet and tender. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

COLUMBIA. Introduced a few years ago and decidedly one of the best. It is as *early as Eclipse* and of *much better quality*. Roots turnip-shaped, flesh deep blood-red, of rich, tender quality. Market gardeners will find this an excellent variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

EGYPTIAN BLOOD TURNIP. The standard market variety. Root globe-like, except for the decided flattening of both top and bottom. Skin deep red, also the flesh; the latter being zoned in two distinct shades, like the Eclipse. Tender, finely grained and sugary, it is a deservedly popular favorite. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

ECLIPSE BEET. Of rapid growth and superior quality. Preferable for forcing, having small, smooth, perfectly round roots of an intense red color both in skin and flesh; the latter being especially sweet and tender. Its extreme earliness and general *petite* appearance, both of bulb and leaves, bespeak for it marked favor with all gardeners. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

LENTZ' EXTRA EARLY. Round, smooth, very dark red, tender; little larger than the Egyptian, *fully as early, better cropper*, and a fine keeper. Produces a crop in six weeks from time of planting. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

HALF LONG BLOOD. The root of this excellent new sort is about one-half as long as the Long Dark Blood, but thicker. It grows well under ground. Flesh dark red, very sweet and tender; skin smooth and handsome. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

IMPROVED EARLY BLOOD TURNIP. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

DEWING'S EARLY BLOOD TURNIP. Superior table beet. Very early; skin smooth; flesh deep red. An excellent variety. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

EARLY FLAT BASSANO. Red-skinned below ground, brown above. Flesh pink, zoned with white. A fine summer or winter variety; also the leading sort to sow for greens. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

LONG, SMOOTH, DARK BLOOD. Tops large, roots long and red-skinned. Tender and sugary. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

SWISS CHARD. Used as greens, the stems being cooked like asparagus, while the leaves are served as spinach. Pkt., 5e.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

LANE'S IMPERIAL WHITE SUGAR. It is not so sweet as the French sugar beets grown especially for sugar-making, but the roots are longer and more symmetrical, of fine grain and very sweet, making it good for table use or for cattle feeding. Oz., 5c.; ¼ lb., 15c.; lb., 40c.

BEET.—Mangel Wurtzel.

The value of Mangels for stock raising cannot be over-estimated, analysis having demonstrated the fact that 400 pounds of Mangels are equivalent to 100 pounds of the best hay. Crops of 1,000 to 1,500 bushels on one acre are nothing unusual. *Everyone who keeps even a single cow should grow a quantity of these for winter feed. They yield enormously, and will not only greatly increase the yield of milk, but add largely to the health and general condition of all kinds of stock.*

Culture—As all Mangels require a deep soil in order to grow well, plow and subsoil at least a foot to eighteen inches and apply plenty of rich stable manure. Sow in April to June, in rows eighteen inches to two feet apart, and thin to eight inches in the rows. Young plants may be transplanted to fill up vacancies. As soon as frost occurs dig the crop. *4 to 5 pounds are required for an acre.*

MONARCH.

A new variety of immense proportions and fine, blood-red color. The roots are remarkably smooth and handsome, and of *superior nutritive qualities.* Moreover, it is enormously productive. This will prove itself a secure investment for our farming and gardening friends. Oz., 5c; ¼ lb., 15c; lb. 35c, post paid; 10 lbs., $2.50, not prepaid.

Taber's Gate Post Mangel Wurtzel.

This grand Mangel will yield an enormous crop. The root is uniform in shape, with smooth, yellow skin, flesh white, firm and sweet, and much relished by cattle. Grows largely on the surface making it easy to lift and gather. An excellent keeper. With good cultivation it has produced 2,500 bushels to the acre. Oz., 5c; ¼ lb., 15c; lb., 35c.

For SUGAR BEET See Page 21.

FARM SEEDS See Pages 50 to 55.

MAMMOTH LONG RED.

A large, well-formed variety (often eighteen inches long), a heavy grower on rich soil. Is a heavy cropper. An excellent keeper. Oz., 5c; ¼ lb., 10c; lb., 30c; 10 lbs., not prepaid, $2.00.

NORBITANT GIANT. Not surpassed for cattle feeding. Flesh red, very solid. Roots very large, always keeping well. A variety that pleases all. Oz., 5c; ¼ lb., 10c; lb., 30c.

GOLDEN TANKARD. Contains less water and more sugar than any other. A special feature is the rich, deep yellow color of the flesh, nutritious and milk-producing qualities. Is very hardy and productive; grows two-thirds above ground and can be dug very easily. Oz., 5c; ¼ lb., 15c; lb., 30c.

PRIZE CHAMPION GLOBE.

A large, globular, orange-colored variety of the Mangel that is even a better keeper than the Long Red. It produces fine crops upon shallow soil, which, added to its remarkably fine feeding qualities, makes it the most desirable. Oz., 5c; ¼ lb., 15c; lb., 30c.

BORECOLE or KALE.

Winterkohl, GER. Breton, SP. Chou vert, FR.

Seeds may be sown in a moderately rich soil, in an exposed situation, in April or May. In transplanting treat the plants like young cabbages. *1 oz. to 2,000 plants.*

DWARF GERMAN GREENS OR SPROUTS. Hardy at the North. Excellent for garnishing and desirable for greens. Pkt., 5c; oz., 10c; ¼ lb., 30c.

GREEN CURLED SCOTCH. About two feet high, and bears green curled leaves. Pkt., 5c; oz., 10c; ¼ lb., 30c.

BROCCOLI.

Spargelkohl, GER. Broculi, SP. Chou Brocoli, FR.

Taller and more hardy than Cauliflower. Culture and use are identical with that of that delicious vegetable.

EARLY PURPLE CAPE. Heads large, compact, of a violet or purple color, and of excellent quality. Pkt., 10c.; oz., 35c.; ¼ lb., $1.25.

WHITE CAPE. Most certain to head. Differs from the preceding only in color, having a creamy white tint. Pkt., 10c.; oz., 35c.; ¼ lb., $1.25.

BRUSSELS SPROUTS.

The plants, which are very hardy, grow two or three feet high, and produce from the sides of the stalk numerous little sprouts resembling cabbage heads, one or two inches in diameter. The leaves should be broken down in the fall, to give the little heads more room to grow. They should be treated in all respects like winter cabbage or kale. Pkt., 5c ; oz., 15c.; 2 oz., 25c.; ¼ lb., 45c.

CABBAGE.

Kopfkohl, Ger. Col repollo, Sp. Chou. Pomme, Fr

1 oz. will produce 1,500 plants; ½ lb. to transplant for an acre.

There is no vegetable which more plainly shows the difference in character and quality of seeds than the cabbage and only the choicest seeds obtainable are worthy to be used.

Our Cabbage Seed, grown under the care of practical, painstaking and reliable men: in localities, where experience and thorough tests have proved the climate and soil to be the best adapted to their production in highest perfection; from fully developed, perfect heads, carefully cured and stored until time of planting; thoroughly tested as to vitality; our seed can but give satisfaction, and we unhesitatingly recommend it for use of market or private gardener

This forms one of the main crops of every garden, and depends for entire success, not only upon the character and quality of the seed used, but equally as much upon a judicious selection of soil, supplemented by generous, intelligent cultivation and care throughout. A rich, deep loamy soil is infinitely preferable. A mixture of ashes and salt may be advantageously applied about the plants from time to time when cultivating or may be thoroughly mixed in the hill at time of transplanting; this not only promoting growth, but forming an excellent protection against the attacks of the maggot

In latitudes, where the winters are mild, for early spring use the seed may be sown late in the fall, one month after seeding transplant into cold frames for wintering. They will be ready for setting out as soon as the ground can be worked in the spring. For early summer use sow in hot-bed in February or March; before transplanting to the open ground they should be hardened off by exposing them gradually to the night air. For winter use sow in opened ground in May or June—taking care in either case not to let the plants stand too closely, as this makes them "spindling." When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other, according to variety, burying to the first leaf whatever the stem length. Hoe every week, drawing the earth up about the plants until they begin to head, then give thorough and final cultivation and leave to mature. To preserve for winter use, pull when dry as possible and invert the heads to drain for a few hours before burying.

EARLY WINNINGSTADT.

New Extra Early Express.

Remarkable for its *extreme earliness*, maturing in from 80 to 85 days after sowing of seeds. Produces a small, solid, compact head of conical form of a yellowish green color. It has few outer leaves, therefore may be planted very close and yields a large crop. Especially desirable for forcing or for early market sort. Pkt., 5c; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

EARLY ETAMPES. *Next to the Extra Early Express in earliness.* The heads are medium sized, conical, dark green, very solid and firm and seldom fail to head. Not so pointed as the Jersey Wakefield, but in every way excellent and desirable. Pkt., 5c; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

FOTTLER'S BRUNSWICK.

EARLY WINNINGSTADT. An intermediate variety. A sure header and a good shipper, proving excellent for general summer or winter use. Pkt., 3c; oz., 15c; ¼ lb., 50c; lb., $1.50.

ALLHEAD EARLY. The *earliest* of all large cabbages. For description see page 3. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.00.

EARLY YORK. Heads below average size, round-oval, deep green in color, compact, tender and well flavored. Its earliness, unfailing productiveness and good shipping qualities render it a great favorite. Pkt., 3c; oz., 15c; ¼ lb., 40c; lb., $1.50.

Selected Early Jersey Wakefield

A standard early variety of acknowledged excellence. Heads of medium size, conical and compact. Its uncommonly fine heading properties together with its fitness for wintering in cold frames, have secured and retained for it the high esteem of gardeners generally. Ours is a superior strain and one that receives the unqualified endorsement of all who have used it. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.00

FOTTLER'S EARLY DRUMHEAD OR BRUNSWICK SHORT STEM. A second early, bearing large, flat, very solid heads. A sure header and a good shipper. *Our strain of this most excellent variety is unsurpassed.* Pkt., 5c; oz., 15c.; ¼ lb., 50c; lb., $1.75.

HENDERSON'S EARLY SUMMER. Heads large, flat, compact; admirable keepers. About ten days later than the Wakefield, and about double its size. We unhesitatingly pronounce it one of the finest of the large heading early sorts. Pkt., 5c; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

EARLY DWARF FLAT DUTCH. A second early, and well known standard sort, having medium sized, rounded, solid heads. Pkt., 3c; oz., 15c.; ¼ lb., 40c.; lb., $1.50

For Prices on Cabbage Plants see Vegetable Plants.

Cabbage.—Continued.

CHICAGO MARKET GARDEN

CHICAGO MARKET GARDEN.

THERE ARE MANY VALUABLE STRAINS OF CABBAGE, BUT WE HAVE YET TO FIND ONE MORE THOROUGHLY ADAPTED FOR GENERAL CULTURE, OR ONE THAT COMBINES MORE GOOD QUALITIES, THAN OUR CHICAGO MARKET GARDEN CABBAGE.

If planted early it develops fine, large, edible heads, but one week later than the Wakefield, while a late sowing insures in due time a crop of the finest winter cabbages possible to be conceived of. For "wintering over" sowing should be made about two weeks later than the early sorts, when handsome, solid heads, free from early cracking, will be the result. We recommend this for size and solidity of head, as well as for perfect keeping qualities. Pkt., 5c; oz., 20c; ¼ lb., 65c; 1 lb., $2.50.

SELECTED LATE FLAT DUTCH.

Heads large, round, flat, solid, opening up white and crisp, very tender and of excellent flavor. Largest of the late varieties, remarkably hardy, a sure header, and for fall and winter, home or market use, has no superior, as it retains its freshness and flavor until late in the spring. This is a highly improved strain of the Late Flat Dutch, and is of superior quality—both as regards purity and vitality. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

LUXEMBURG.

Well known by Chicago market gardeners for its excellent keeping qualities. When buried for the winter it retains its bright green color until late in the spring to a remarkable degree, and gardeners invariably realize extra prices for this variety. Heads of good size, remarkably hard and heavy. Pkt, 5c; oz, 30c; ¼ lb, 85c; lb, $3.00.

DANISH BALLHEAD WINTER.

This variety produces a head of good marketable size, nearly round, of choice, edible and superior keeping qualities. From our market garden customers who have tried it, we have high testimonials of its merits as a desirable variety for late winter cabbage. It is from Denmark, where for over 50 years it has been carefully selected and perfected as the choicest strain produced in that flourishing home of the cabbage family. It is worthy of a trial by any one desiring a superior winter cabbage. Pkt., 10c; oz., 40c.; ¼ lb., $1.00; lb., $4.00.

BRIDGEPORT DRUMHEAD. This excellent and exceedingly popular sort about Chicago is noted for its solidity of head, large size, and the fact that it is not inclined to burst or rot. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., $2.50.

GERMAN FILDERKRAUT. Much esteemed for general family use, and for making kraut. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50.

VANDERGAW. This new variety wins many praises wherever tried. It heads about the same time as the well-known Early Summer, but much larger and very solid. It keeps remarkably well, and if planted late makes a superior winter cabbage. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50

SUCCESSION. Of recent introduction, and one week later than the Early Summer, but is double size, in growth remarkably uniform. Its earliness, sure heading qualities place it among the most sure sorts either for private or market purposes. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

SUREHEAD. Large, round, fine heads. An unexcelled variety for main crop, remarkable for its certainty to head. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

ALL SEASONS. Fully as early as the early summer varieties, and produce solid, compact heads of large size. Very popular wherever tried, being equally good for a late cabbage. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

PREMIUM LARGE LATE DRUMHEAD. Head enormous. Very hardy and desirable fall and winter variety; also a good shipper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

STEIN'S FLAT DUTCH.

A remarkable fine strain and sure header, the heads weighing from 10 to 12 pounds. It makes a large, even, firm, round head, seldom rots or bursts, and is unquestionably one of the finest shipping cabbages grown. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.25.

HOLLAND CABBAGE

This variety of Cabbage has appeared on our markets the past few years late in the season, and because of its fine appearance, perfect condition, and great solidity, has sold at higher prices than American sorts. The heads are of medium size and handsome appearance; of a distinct, fine white color.

The superior merit of this variety is its hard heading and long keeping quality. If properly stored, in the usual way, they will be found as solid and perfect when taken up in the spring as when put away in the fall. Pkt., 10c, oz., 30c; ¼ lb., 80c. lb., $3.00

HOLLAND CABBAGE.

SAVOY OR CURLY CABBAGE.

THE SAVOY class are of much better quality and sweeter flavor than other Cabbages. Allowed to stand until touched by frost, the Savoy, when cooked, is one of the most delicious vegetables. *Rapidly coming into favor with all.*

AMERICAN DRUMHEAD SAVOY.

The best of its class for home use or market. Heads large, *solid and compact.* Has rich sweet flavor of the cauliflower when cooked. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

EARLY DWARF ULM SAVOY. Heads medium size, round and solid. Leaves deep green and finely wrinkled. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

RED LEAVED CABBAGES.

MAMMOTH RED ROCK. By far the *best*, largest and *surest heading* red cabbage. Color, deep, rich red. *Many successful market gardeners choose this for their entire crop of red cabbage, pronouncing it the best of all.* Pkt., 5c; oz., 20c; ½ lb., 60c; lb., $2.00.

RED DUTCH. Heads large, round and solid; excellent for salad or pickling. A sure header and a good shipper. Pkt., 3c; oz., 15c; ½ lb., 40c; lb., $1.35.

CAULIFLOWER.

Blumen Kohl, GER. Coliflor, SP. Choufleur, FR.

1 ounce of seed for 1,000 plants.

All gardeners recognize the value of first-class cauliflower seed. That which we offer *is from the the most reliable European growers, and none better is obtainable at any price.*

SELECTED EARLIEST DWARF ERFURT.

It is, without any exception whatever, the very earliest Cauliflower introduced up to the present day. Rarely a plant fails to produce a firm, close, symmetrical head of *snowy whiteness, incomparable tenderness,* and most delicate and *delightful flavor.* The outside leaves are quite small, thus admitting of close planting, *i.e.*, about 20 inches apart. Pkt., 25c; ½ oz., $2.50; oz., $5.00.

EXTRA EARLY ERFURT. A leading standard variety of excellent quality. For general crop or where extreme earliness is not essential, this is the best of the Erfurt strains. Pkt., 10c; oz., $2.50; ¼ lb., $8.00.

LARGE ERFURT. A selected strain with large, solid white heads. For late planting. Pkt., 5c; oz., 75c; ¼ lb., $2.50.

BARNARD'S EARLY SNOWBALL.

One of the earliest and surest heading. No stock of Snowballs can surpass this splendid strain. Our supply was grown from specimens noted for their *earliness, dwarf habit, uniform shape and compact growth.* It is very popular with market gardeners for forcing under glass during winter and early spring, or for planting in the open ground later on. It will please all who plant it. Pkt., 10c; oz., $2.50; ¼ lb., $8.50.

EXTRA EARLY PARIS. Head of good size, white and compact. Early and desirable. Pkt., 5c; oz., 60c; ¼ lb., $2.00.

VEITCH'S AUTUMN GIANT. A late variety, vigorous habit. Large, handsome white heads, well protected by foliage. Pkt., 5c; oz., 60c; ¼ lb., $2.00.

FOR spring and summer crops, fall sowings may be wintered over in cold frames, or seed of early varieties may be sown in hot beds in early February (as for early cabbages), transplanting in either case to open ground in April or May, cultivating thoroughly thereafter as for cabbages. Rich soil, cultivated deeply, liberally fed with well rotted compost, are necessary factors.

For late autumn crops, sow varieties about the middle of April, transplanting and treating thereafter as winter cabbages. Neither the early nor the late varieties should at any time be allowed to suffer for water.

THE DENMARK CAULIFLOWER.

BEST FOR EARLY AND GENERAL CROPS.

We sent this out for the first time last season and the reports received from the most successful gardeners, who are our most critical customers, warrant our again presenting this fine Cauliflower with even stronger claims than we then made. It is

THE LARGEST AND WHITEST CAULIFLOWER AND SUREST TO MAKE A SOLID HEAD.

Fine grained, of highest quality, and so early that two crops can be taken from the same ground in one season. Pkt., 10c; oz., $2.50; ¼ lb., $8.00.

CELERY.

Sellerie, GER. Apio, SP. Celeri, FR.

1 oz. to 2,000 seeds. For prices on Celery Plants, see Vegetable Plant List.

Celery delights and thrives best in a muck land, but can be grown in any good garden soil, with proper cultivation. However rich and "mucky" the land may be, it is positively essential to good crops that it be annually fertilized with about two inches of well-rotted stable manure, carefully plowed under. Ample moisture must also be provided for.

Sow the seed in the open ground in April, or as soon as ground can be worked, for general crop; for early fall crop in hot-beds or house, in February or March. Prepare the soil well, and sow in drills a quarter inch deep and about ten inches apart, taking care to firmly press the soil over the seed.

HARTWELL'S PERFECTION

When about two inches high, after careful hardening, thin and transplant to two inches apart each way. Later dig broad trenches 4 feet apart and 4 to 6 inches deep, or they may be set on level ground, and when large enough, trim off the tops (to render stocky) and enough of the roots to admit of straight planting, and set in the trenches 6 inches apart, *covering to the crown only.*

Thickness, rather than length of stalk, indicates the proper time for transplanting; the increase being mainly in height after that process is begun. Close the stalks carefully, and draw the earth about one-third the height of the plant and firm it, taking care that none falls in upon the heart. Repeat the process every few days thereafter until the leaves are reached. When weather is warm enough to cause rusting of the stalks in banking, boards may be used for blanching purposes. Always use a cloudy day for transplanting, but never work among plants when wet.

To store for winter, select thoroughly drained ground and dig trenches one foot wide and as deep as the celery is high. Into this set the celery, lifted roots and all, in an upright position; set closely, but do not crowd. When severe cold weather comes, cover with leaves, hay, or straw. Place boards on the top to keep out the moisture. Or for more convenient use it may be put away in a light, dry cellar, covering all but the tops with sand.

Tile blanching is a favorite method for early use. A section of ordinary three-inch tile is used to cover the plants. Dirt should be drawn around the tile to hold it firm. By taking a heavy sheet of paper two or three inches longer than the tile and wrapping it firmly around the plant, the tile can be easily slipped into position and the paper withdrawn. In 2 to 4 weeks the stalks will be found handsomely blanched, white, crisp and tender.

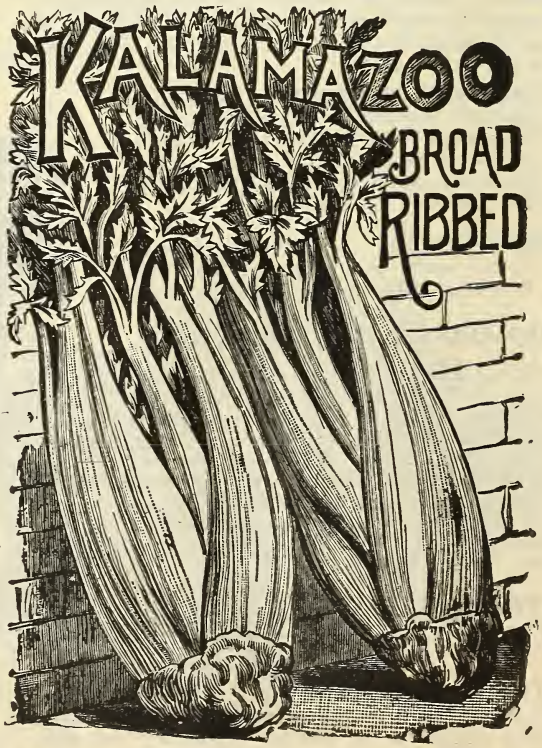
GIANT PASCAL. A selection from the famous Golden Self Blanching. For description see page 9. Pkt., 5c; oz., 20c; ¼ lb., 50c.; lb., $1.75.

HARTWELL'S PERFECTION. A standard sort and one of the very best of the white varieties. The stalks are of good size, vigorous growth, very solid and never hollow; crisp, tender and of exceedingly fine nutty flavor. Some of our largest growers, who have tried other sorts extensively choose the "Perfection," for the main crop, as there is no other strain which equals it for storing, and few which approach it in quality and beauty. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75.

EARLY ARLINGTON. It is a selection from the improved Boston Market Celery. Its superior merit is that it comes in quite three weeks earlier, is of larger growth, more vigorous habit and bleaches easily and more quickly. Pkt., 5c; oz., 20c; ¼ lb., 60c, lb., $2.00.

CRAWFORD'S HALF DWARF. (Henderson's Half Dwarf.) A vigorous, solid, creamy white, very ornamental variety, possessed of a rich, nutty flavor. Surpasses most of the large growing sorts in weight of bunch when grown under the same circumstances. A favorite with market gardeners. Pkt., 5c; oz., 20c; ¼ lb. 60c; lb., $2.00.

KALAMAZOO BROAD RIBBED. It is very distinct and handsome, of a cream white color throughout, attains a very large size, of quick growth, stiff and close habit (as shown in the illustration), is remarkably solid, crisp eating and fine flavored. Ribs are very broad, thickly and closely set, while by reason of its neat growth and showy appearance, it is a specially valuable variety for market. It is also a first-class keeper, remaining fit for use as long as the Golden Dwarf and other good keeping sorts. Pkt., 5c; oz., 25c; ¼ lb., 60c. lb., $2.00.



Celery.—Continued.

DWARF GOLDEN HEART. A distinct, rare and decidedly ornamental type; when blanched being an exquisite golden yellow. Habit similar to the Half Dwarf White sorts. A fine wintering variety. Pkt., 5c; oz, 15c; ¼ lb. 50c; lb., $1.75.

BOSTON MARKET. A medium sized, hardy crisp and delightfully flavored white variety. Pkt., 5c; oz. 20c; ¼ lb., 65c; lb., $2.00.

PARIS GOLDEN SELF-BLANCHING. A French variety which, though but recently introduced, has become a general favorite on account of its extreme ease of culture, its crisp texture and fine flavor, and its exceedingly beautiful appearance. No banking or blanching whatever is required, but, as the name implies, the large golden heart is self blanched—even the outer stalks becoming a delicate creamy white. Pkt., 5c. oz., 25c; ¼ lb. 75c; lb., $2.50.

SANDRINGHAM DWARF WHITE. An excellent variety, having fine flavor and general good qualities. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.25.

WHITE PLUME. The peculiarity of this leading variety is that the inner leaves and heart are naturally white, so that by closing the stalks, either by tying or by drawing the soil close about the plant and "firming" it, the blanching is completed. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.25.

GIANT WHITE SOLID. The best large variety. Fine for market as well as family garden. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., $2.00.

NEW ROSE. We offer this as the choicest of the red varieties, and one calculated to win the favor of all. It is hardier, more solid, better winter keeper, more crisp, and of better flavor than the white or yellow sorts. Pkt., 5c; oz., 20c; ¼ lb.. 65c; lb., $2.25.

GIANT GOLDEN HEART. A fine selection from the Dwarf Golden Heart; large size, beautiful color, crisp and deliciously flavored. One of the best celeries for market, and also desirable for home use. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.25.

SOUP CELERY. For flavoring ¼ lb., 10c; lb., 25c.

CELERY FERTILIZER, 50 pounds, $1.25; 100 pounds, $2.00; 200 pounds, $3.50. SPECIAL PRICES ON TON LOTS.

CELERIAC, or TURNIP ROOTED . . . . CELERY.

Principally used for flavoring soups and meats.

BARNARD'S GIANT. Very large roots. Flesh white and tender, having a sweeter taste and stronger flavor than other varieties. Pkt., 10c.; oz., 55c.; ¼ lb., $1.75; lb., $6.00.

LARGE, SMOOTH PRAGUE. Roots smooth, almost round. An excellent keeper. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.25.

EXTRA LARGE ERFURT. We sell this largely to German gardeners, who prize it highly. Pkt., 3c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

APPLE SHAPED. The roots are cooked and sliced and, used with vinegar make an excellent salad. Pkt., 3c.; oz., 15c.; ¼ lb., 40c.; lb., $1.25.

CELERIAC.

UPLAND CRESS.

Cress, or Peppergrass.

Kresse, GER Mastuerzo, SP. Cresson, FR.

Sow thickly in shallow drills in moist soil, covering very slightly every two weeks for a succession. It is a hardy perennial, stays green nearly the whole year, and is ready for use before any other salad in the spring. Best when cut quite young.

UPLAND CRESS. A valuable acquisition of quite recent introduction: one which forms a very available substitute for the highly prized Water Cress. Pkt., 10c

DOUBLE CURLED. For salad or garnishing. May be cut two or three times. Pkt., 3c; oz., 7c, ¼ lb., 15c; lb., 40c.

WATER CRESS. *Nasturtium Officinale.* Brunnen Kresse, GER. Grows rapidly in moist places; better in shallow, clear running streams. Pkt., 10c; oz., 35c; ¼ lb., $1.00.

CHICORY.

Kaffeewurzel, GER

Sow ½ inch deep in drills of one foot apart and cultivate like carrots. 1 oz for 100 ft. drill.

LARGE RED MAGDEBURG. The dried roots are used for mixture with coffee, or as a substitute. The young leaves make excellent greens, and are preferred by some even to the Dandelion. Pkt., 5c; oz., 10c; ¼ lb., 30c, lb., 80c.

CORN SALAD, or FETTICUS.

Ackersalat, GER. Canonigos, SP. Mache, FR

1 oz. to 35 ft. row.

Seed may be sown in August or September, in shallow drills, and protected in cold sections by leaves or straw during the winter; thus grown, it furnishes an early spring supply of nice salad. Sown in spring, it grows rapidly and is soon ready for the pot. Cultivate the same as Lettuce, thinning to 3 or 4 inches apart. Serve as Spinach.

LARGE SEED. Selected from best plants. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 65c.

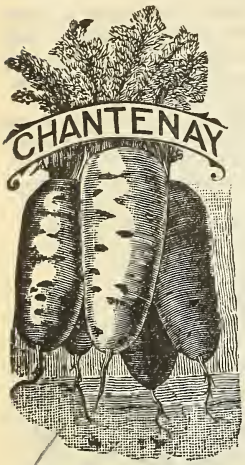
CARROT.

Moehren, GER. Zanahoria, SP. Carrotte, FR.

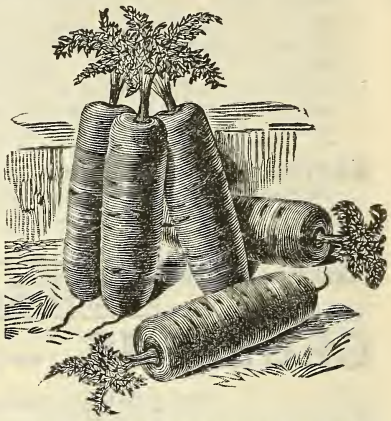
1 oz. 100 ft, drill; 3 lbs. per acre.

For early crops sow as soon as ground can be worked, in drills one inch deep and one foot apart (3 feet for field culture), from middle of May until first of July, thinning four to eight inches according to varieties. Keep your plants well cultivated. Under favorable conditions 600 bushels per acre is a fair crop.

The Carrot being enormously productive and of superior nutritive quality, is a desirable and profitable crop to grow for stock feed. We recommend to our farmer friends the Long Orange and the White Belgian variety as especially adapted for this purpose.



DANVERS HALF LONG.



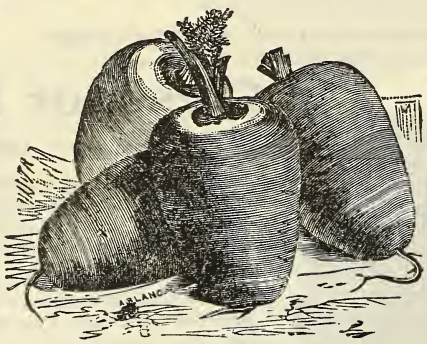
EARLY HALF-LONG SCARLET NANTES.

NEW CHANTENAY. This new, half-long carrot is one of the heaviest croppers grown. Of beautiful orange color, very smooth, has large shoulder and is easily harvested. For table use one of the finest of all. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

EARLY FRENCH FORCING. Root nearly round. The leading carrot for forcing or for early market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

EARLY SCARLET SHORT HORN. Early and excellent, either for forcing or for open ground culture. Deep orange color. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

GUERANDE, OR OX HEART. Its quality recommends it for table use, while its size renders it highly profitable for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.



OX HEART CARROT.

DANVERS HALF LONG. A magnificent carrot of a rich orange color. Skin smooth and handsome. Very prolific, often yielding 20 to 30 tons per acre. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

EARLY HALF-LONG SCARLET NANTES. Skin smooth. A stump-rooted variety, having little or no core. Of fine flavor and a leading table variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

IMPROVED LONG ORANGE. Root, 12 to 15 inches long, orange red. Requires very deep soil upon which it yields large crops. A good variety for the table and market purposes, and is much used to feed to stock. Pkt., 3c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

Book on Carrot Culture. See below.

IMPROVES CONDITION. **CARROTS FOR STOCK.** INCREASES MILK FLOW.

MANY experiments conducted in Agricultural Colleges and by intelligent farmers have placed Carrots in the front rank as a desirable food for horses and cattle. Horses eat them with the greatest relish, and fed on them once a day during winter, will grow fat. Cut up into small sections, sprinkled with salt and mixed up with their cornmeal ration, cattle of all kinds winter in splendid shape. A marked increase in the flow of milk is soon perceived when carrots are fed to cows.

HALF LONG. This is a stump-rooted variety that is certain to please every stockman who plants it. Roots are smooth, heavy at the shoulder, terminating in a blunt point. Flesh is red, rich, solid and of good flavor. It is a heavy yielder, easily harvested and one of the best in its class. Pkt., 5c.; oz., 7c.; ¼ lb., 15c.; lb., 50c.

WHITE BELGIAN. Grows largely above ground, making it easy to harvest. The lower part of the root is white, the upper part is green. This carrot is enormously productive, the roots attaining a surprising size. No up-to-date farmer should neglect putting in a plot of Stock Carrots. Pkt., 3c.; oz., 7c.; ¼ lb., 15c.; lb., 40c.

☞We can most heartily recommend a valuable book by Jas. J. Gregory, than whom no one is better qualified to write on the subject: *"Carrots, Mangold Wurtzels and Sugar Beets:* What kinds to raise, how to grow and how to feed them." While this work is more particularly intended for persons of limited experience, yet it gathers up so much of experience and observation, covering so much ground in the growing and handling of these two standard crops, that we should be disappointed if about every grower did not find within its covers some facts of more value to him than the cost of the book. Postpaid, 30c.

CORN, SWEET OR SUGAR.

Mais, Fr. Welschkorn, Ger. Maiz, Sp.

One quart for 200 hills. One peck for one acre in hills.

☞Please remember our prices on Sweet Corn by the pint and quart include prepayment of postage by us. Customers ordering Sweet Corn to be sent by freight or express can deduct 10c. per pint and 15c. per quart from these prices.

All varieties may either be sown in rows 3½ feet apart, placing the kernels one foot apart in the row, or planted in hills at a distance of 3 to 4 feet each way. The richer the soil and the taller the variety, the greater should be the distance between the hills. The first planting may be made about May 15th. For succession, plant every two weeks until August.

FIRST-OF-ALL.—*The earliest Sweet Corn in cultivation.* At least 8 to 10 days ahead of all others. Market gardeners will find this one a *money maker;* first, on account of earliness; next, its large, well-filled ears, and last, but not least, *its superior quality.* The ears average 5 or 6 inches long, kernels pure white, very sweet. We are pleased to offer it. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.50.

EARLY WHITE CORY. An improved strain obtained by selections from the original Cory to secure white cob and kernels. A good one for home use. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., $2.25.

EARLY RED CORY. Its extreme earliness and size of ear combined make it one of the best for market. Fully a week earlier than Minnesota, sweet and juicy. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

CHAMPION. Of all the Early sweet Corns this is the *largest*. Comes but a few days later than the small eared sorts. A favorite with market gardeners. The ears are medium size; fine appearance; kernels tender and sweet; cob white. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.50.

EARLY MINNESOTA. An excellent market variety, coming on a trifle later than the preceding. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

CHICAGO MARKET. A remarkably early 12-rowed variety, considered by some the *largest and best* sweet corn in existence. It ripens with the extra early varieties; it is *well formed, pure white,* and has *superior table qualities.* A vigorous grower, yielding two or three ears on a stalk. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

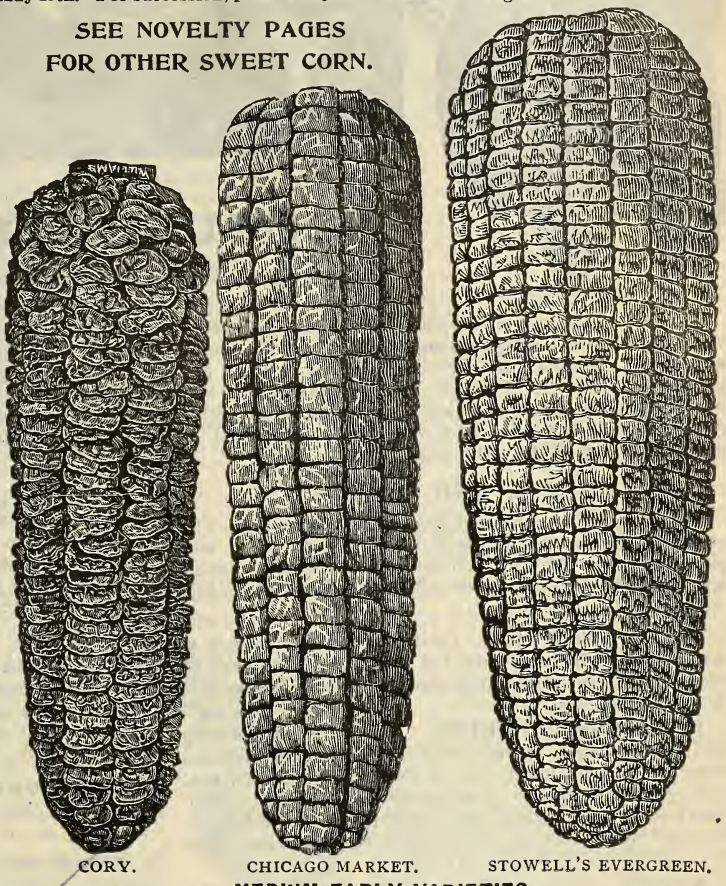
EXTRA EARLY ADAMS. This is really a field corn, but a very tender variety for table use. It can be planted earlier than any Sweet Corn. Ripens within sixty days. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 70c.; bu., $2.25.

CROSBY'S EARLY SUGAR. Highly esteemed for canning purposes, also for table use. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

MEDIUM EARLY VARIETIES.

COUNTRY GENTLEMAN. For private use this is without an equal. It excels all others in *rich flavor,* and is by far the most tender and delicious of Sweet Corns. Ears average ten inches in length, three to five to the stalk; kernels pure white; cobs small. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

SEE NOVELTY PAGES FOR OTHER SWEET CORN.



CORY. CHICAGO MARKET. STOWELL'S EVERGREEN.

MEDIUM EARLY VARIETIES.

PERRY'S HYBRID. Nearly as early as Early Minnesota and much larger. For the market gardener there is no better second early than this. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

MOORE'S EARLY CONCORD. Ears large and well filled. Sweet and well flavored. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

HICKOX. A very good second early, excellent for canning. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.25.

BLACK MEXICAN. But for its blue-black color this would be much more extensively grown. It is the *sweetest* corn in cultivation. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.50.

LATE OR MAIN CROP VARIETIES.

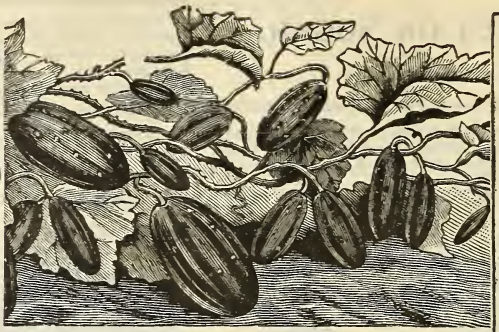
STOWELL'S EVERGREEN. The standard late sort both for home and market. Extensively used for canning purposes, and so well known as to require no further description. We sell probably a greater amount of this than all our other Sweet Corns combined, thus proving it is of far more than ordinary value. If planted for succession will keep the table supplied until October. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 70c.; bu., $2.50.

EGYPTIAN OR WASHINGTON MARKET. The ears are large and sweet. *Matures very late,* and is much grown for market and canning. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.50.

MAMMOTH SWEET. A late very productive variety. The ears of very large size, handsome appearance and fine flavor. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 65c.; bu., $2.50.

Sweet Corn for Fodder. } **See "FARM SEEDS." We will make special prices on Fodder Corn. Write, stating how much you require.**
Field and Pop Corn. }

CHICAGO PICKLE.



EVERBEARING.

CUCUMBER.

Gurken, GER. Pepino, SP. Concombre, FR.

1 oz. for 50 hills; 3 lbs. per acre in hills.

The Cucumber is tender and should not be planted in the open ground until there is a prospect of warm weather, say about the middle of May. For very early use, sow in the house on overturned sods, or in small pots and at proper time transplant with the sods. For general use plant in hills about four feet apart each way. Sow thickly and when all danger from bugs is past thin out the plants, leaving but three or four to the hill. It is well to keep the fruits picked as soon as they attain sufficient size. Use Peroxide of Silicate or Slug Shot for the bugs.

COOL AND CRISP.

We find this the *earliest of all pickling cucumbers.* The shape is long, pointed at the ends, very dark green and covered with knobs on which the spines are set. Excellent for slicing, being tender and crisp. Pkt. 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

WHITE WONDER. Fruit waxy white from first set until maturity; skin thin but tough, flesh solid and of fine flavor. Vine strong and vigorous. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

JAPANESE CLIMBING. Vines are extra strong and foliage much more vigorous than other kinds, and from its climbing habit can be grown on trellises, etc., saving valuable space. It is very prolific, 40 to 50 cucumbers having been counted on single plants. Flesh thick, firm and of fine flavor. Good for pickling or slicing. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00.

ASTRO. A new forcing variety invaluable to the market gardener. Flesh white and very crisp. Grows about 18 inches long. Pkt. of 10 seeds, 10c.

Extra Early Green Prolific. Matures fully ten days earlier than the well-known *Green Prolific.* Market gardeners will find it very advantageous to plant this strain. Pkt., 3c; oz., 7c.; ¼ lb., 15c; lb., 50c.

SIBERIAN. Remarkable for its earliness. Cucumbers five inches long have been grown from seed in fifty-five days. Fruit straight and smooth; flesh tender and crisp. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

EARLY FRAME. An old and popular variety, bearing fruit of good size, straight and well formed. Desirable for pickles. Pkt, 3c; oz., 7c; ¼ lb., 15c; lb., 50.

EARLY GREEN CLUSTER. Hardy and vigorous, bearing fruit in clusters near the root. Desirable for table use. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

EARLY RUSSIAN. Its hardiness, extreme earliness and productiveness render it a favorite for early markets. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

PEERLESS WHITE SPINE. Vines healthy and luxuriant. Fruit of good size, straight and well-formed. Skin deep green, and spines white. Flesh white, crisp and of remarkably fine flavor, about ten days earlier than Improved White Spine. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

IMPROVED LONG GREEN. Long and crisp. Standard sort. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

WESTERFIELD CHICAGO PICKLE. Very extensively grown by Chicago market gardeners and largely used in our pickle factories. It is now recognized as the BEST *pickling cucumber.* The young fruits are short, crisp, coarsely prickled and of a deep green color which they retain after pickling. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

EVERBEARING. Very early and prolific. Fruit small and good for pickles. On one vine may be found fruit in every stage of growth. Continues to bloom and produce fruit until killed by frost. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

IMPROVED WHITE SPINE. The well-known standard variety for table use, either sliced or in pickles. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

EVERGREEN WHITE SPINE. An excellent sort for family use. Fruit longer than Peerless; when about five inches long, makes a good pickle. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c;

BENNETT'S WHITE SPINE. This is one of the very best of the White Spined varieties, especially desirable for forcing under glass. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

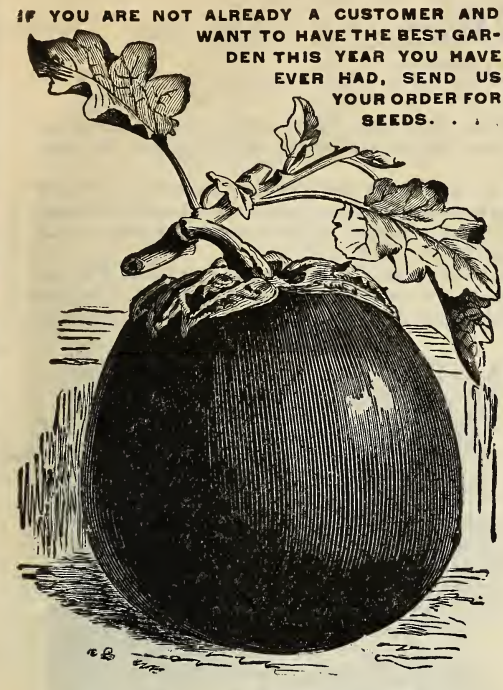
NICHOL'S MEDIUM GREEN. Is considerably thicker than the White Spine, and longer; though not so long as the Long Green. In point of productiveness, shapeliness, uniformity of size, delicacy of flavor and crispness of texture, we venture the opinion that it has no equal. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

GREEN PROLIFIC. Immensely productive; considered one of the finest pickling varieties extant. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

BOSTON PICKLING. Largely cultivated by market gardeners, both as a table and as a choice pickling variety. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

WEST INDIA GHERKIN OR BURR. Grown exclusively for fancy pickles. Fruit oval and prickly-skinned. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.50.

TELEGRAPH. A variety much in demand for growing in frames or forcing. Grow about 18 inches long, perfectly smooth, light greenish color. Pkt., 25 seeds 25c.



EGG PLANT—NEW YORK IMPROVED.

ENDIVE.

Endivien, GER. Endivia, SP. Chicoree, FR.

1 oz, will sow 150 ft. of drill.

A tender and delicious salad for fall and winter use. Comes in after lettuce is gone. Should be sown in June or July and when nearly grown, the tips are tied together to blanche the heart and remove the bitter taste.

GREEN CURLED. The hardiest variety, and the standard for fall and winter use, also bears extreme heat. A favorite for the market. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

French Moss Curled. A unique variety, somewhat resembling a tuft of moss. Very crisp, tender, of good flavor. Being less hardy than other sorts, it requires protection from cold. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

BROAD-LEAVED BATAVIAN. Forms large heads of broad thick leaves. Preferred for flavoring soups, and is also excellent blanched to form a salad for summer use. Pkt., 5c., oz., 15c; ¼ lb., 45c; lb., $1.75.

CHIVES.

Chives belong to the Onion tribe. They are cultivated for their tops which are used for flavoring. The clumps we offer, planted in ordinary garden soil, soon increase so that the tops can be cut during the season as required. Clumps, 10c; by mail or express prepaid, 25c.

HORSE RADISH.

This is not reproduced from seed, but by planting pieces of roots called "sets." These, planted small end down about two inches below the surface, will produce radish in one season. As it increases very rapidly, any out of the way location in the garden should be chosen. Small roots, doz,, 25c; 100, 75c; by mail, postpaid. Write for special price in large quantities.

EGG PLANT.

The Egg plant is one of the most delicious vegetables grown, yet it is not cultivated to the extent it would be, if its superior table qualities, when properly cooked, were better known. It will grow in almost any soil, but must be in a sheltered position and given good cultivation. The seeds start slowly. Should be sown, if possible, in a hot bed, if not in a warm light room in March and potted when two inches high. Plant in open ground about June 1. Carefully protect from intense sun, drought-weeds and potato bugs. Throughout its growth take every precaution to avoid chilling. *Use Peroxide of Silicate or Slug Shot if you notice potato bugs on your egg plants.*

NEW YORK IMPROVED ROUND PURPLE. We sell this in large quantities to market gardeners. It is a strain perfected by long selection with large, smooth, oval fruit. Skin deep purple, flesh white. *The best Egg plant in cultivation.* Pkt. 5c; oz., 30c; ¼ lb., $1.00 lb., $3.50

Black Pekin. Fruit large and nearly round. Skin smooth, black and glossy. *Very early*, prolific and fine for market garden. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb.. $4.50.

EARLY LONG PURPLE. Early, productive and of easy culture. Fruit generally purple, but sometimes striped, 6 to 9 inches long. Recommended for northern latitudes. Pkt., 5c; oz., 20c.; ¼ lb., 70c; lb., $2.50.

GARLIC.

Knoblauch, GER. Ajo, SP. Ail, FR.

1 lb. to 10 ft. drill.

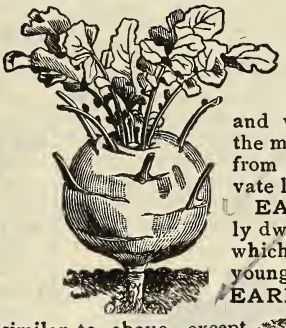
A species of Onion, very pungent, much used in the south of Europe and valued for flavoring soups, stews, etc. Prepare the ground as for onions; plant in April or May in rows one foot apart, four inches in the row, and cover two inches deep. Crop matures in August; cultivate and harvest as onions. Bulbs, lb., 30c., postpaid. Write for special price in large quantity.

KALE.—See Borecole.

KOHL RABI.—Turnip Rooted Cabbage.

Blaetterfohl, GER. Col rabona, SP. Chou-rave, FR.

1 oz. to 2,000 plants.



Grown for its turnip-shaped bulb which should be used when young and tender. It contains the flavor of Cabbage and Turnip and when properly prepared is one of the most delicious of vegetables. Sow from June until July in drills. Cultivate like Turnips.

EARLY WHITE VIENNA. Early dwarf, bearing handsome white bulb, which is tender and excellent when young. Pkt.,5c; oz., 20c; ¼ lb., 60c; lb.,$2.

EARLY PURPLE VIENNA. Very similar to above, except color which is bluish purple. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.00.

HERBS.

Varieties with an * are perennials.

	Pkt.	Oz.
Anise	3	10
*Balm	5	25
Borage	3	17
*Caraway	5	10
Coriander	5	10
Dill....(lb. $1).	3	10
*Fennel	3	15
*Henbane	5	20
*Hop	3	
*Horehound	5	35
Hyssop	5	
*Lavender	5	25
Opium Poppy	5	30
*Pennyroyal	10	
Pot Marigold	5	
*Rosemary	5	50
*Rue	5	15
Saffron	5	15
Sage (lb. $1.50).	5	15
Summer Savory	3	15
Sweet Marjoram	3	15
*Thyme (lb. $3)	5	30
*Wormwood	5	20

ENDIVE—GREEN CURLED.

LETTUCE.

Lattich. GER. Lechuga, SP Laitue, FR.

1 oz for 2 000 plants.

A hardy annual and a leading salad plant that will grow in almost any garden soil, but the higher the state of cultivation the larger and handsomer will be the heads, while the quicker and more vigorous the growth, the more tender and crisp will be their quality. Requires moisture in abundance.

If only the permanent bed is available, sow as early in March or April as the frost is out of the ground, in drills 14 inches apart, covering to the depth of ¼ inch only and thin to about the same distance apart in the row. In this way large fine heads may be produced. If desired to cut young, sow thickly in drills or broadcast. For succession, sow often during the season, choosing varieties which will endure the summer heat, and are slow to run to seed.

For forcing, sow broadcast in hot-bed every month, and when plants have gained two or three leaves thin to 4 inches apart, transferring the thinnings to another part of the bed. When about three inches high transplant the whole to the permanent hot-bed, about 14 inches apart each way. Water frequently and abundantly with liquid manure, and gradually increase the supply of air as plants increase in size

Denver Market Lettuce.

An early variety of head lettuce, either for forcing or open ground. It forms large, solid heads of a good light green color The leaves are beautifully marked and blistered (like the savory cabbage) very crisp, tender and of excellent flavor. In shape the head resembles the "Hanson" but is more oblong. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

Tilton's White Star.

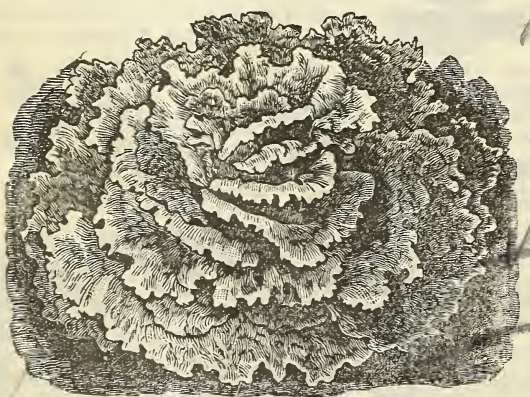
This very excellent new variety is a universal favorite with gardeners, for forcing or planting outdoors, on account of enormously large heads, bright color, crispness and long keeping qualities. It is superior for shipping; its thick green leaves retaining a fresh appearance longer than any other variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

GRAND RAPIDS FORCING. Leaves crimpled and frilled. A favorite sort with market gardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

TENNIS BALL; WHITE SEEDED; BOSTON MARKET. Very compactly formed of beautiful white crisp leaves. Most desirable for early forcing. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

The Deacon.

This is one of the dark-green thick-leaved sorts nearly all of which are of good quality Head compact, roundish or a little flattened, when of full size in some plants measuring fully five inches in diameter. Outer leaves few in number which with the perfectly defined head, give the plant a very distinct appearance. Sure to head. *One of the very best to withstand summer heat* and slow to run to seed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.



Black Seeded Simpson.

This variety takes first rank with Chicago Market Gardeners and is by them esteemed one of the very best sorts for the frame or hot-house, as well as for early out-door planting. Does not produce a solid head but forms a compact bunch of leaves, thin, crisp and tender, much larger and lighter colored than the ordinary Simpson. Pkt., 5c.; oz., 10c.; ¼ lb., 25c; lb., 85c.

SIMPSON'S EARLY CURLED. Does not head but forms a dense mass of tender, dark-green curled leaves. Pkt., 5c; oz., 10c; ¼ lb., 25c: lb., 85c.

TENNIS BALL; BLACK SEEDED. Close, hard, well-formed heads Leaves green, thick, crisp and tender. One of the earliest, extremely hardy, and well adapted both to forcing and out door culture. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

HANSON. Heads handsome, solid and tender and of excellent quality. Outside leaves green, white within. Recommended for out-door culture. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

ALL THE YEAR ROUND. A hardy head lettuce. Leaves crisp and tender. Desirable both as a forcing and a summer variety. Pkt., 3c; oz., 7c; ¼ lb., 25c; lb., 85c.

YELLOW SEEDED BUTTER. Heads large, dense; endure summer heat admirably and are slow in running to seed. Leaves throughout are a beautiful golden color, tender, crisp and of excellent flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

SALAMANDER. Heads large, compact, light-green, with white center. Invaluable to market gardeners, because of its remaining a long time in head, and also on account of its resistance to both drought and heat. Pkt., 5c.

EARLY PRIZE HEAD. A mammoth variety, keeping even the outer leaves crisp, tender and of delightful flavor throughout the entire season Very hardy and slow to seed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

ST. LOUIS HEAD. A splendid summer lettuce. No affected by hottest weather. Slow to run to seed. Leaves very thick, rich and nutty in flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

PHILADELPHIA BUTTER. Heads hard, compact and bluish green. Very early and desirable for forcing or for early out-door planting. Pkt., 3c; oz., 10c; ¼ lb., 25c; lb., 85c.

PARIS, OR GIANT WHITE COS. Tender, crisp, brittle, very hardy, and slow in running to seed. The leaves should be tied up to insure blanching. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

MUSK MELON OR CANTELOUPE.

Melone, Ger. Melon, Fr.

1 oz. to 60 hills; 2 to 3 lbs. per acre in hills.

Muskmelons require a light, rich soil. Plant as soon as ground has become warm and dry, in hills six feet apart, 12 to 15 seeds in each, and thin out to three or four plants when all danger of bugs is over. If the plants grow very rank, more and finer fruit will be produced by pinching off the ends of the shoots when about three feet long.

Ashes or lime is excellent to sift over the young plants to prevent the attack of insects. (Use Peroxide of Silicate or Slug Shot to kill them.) See last page.

STRAWBERRY.

Beck's No. 3. NEW.

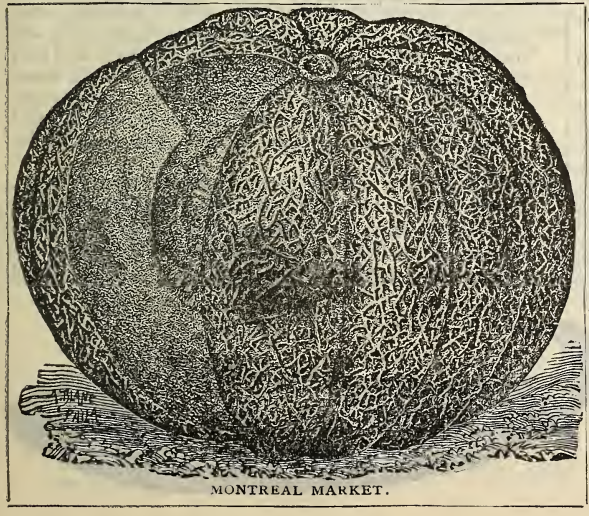
Offered for the first time. Its smooth, deep flesh is of an attractive red color, soft to the rind, and exceptionally delicious, *with a flavor like that of a strawberry*. Melons grow to a desirable marketable size, from 6 to 8 lbs. each. The quality is simply superb, as we know from actual test. Pkt., 10c.; oz., 50c.

LONG ISLAND BEAUTY.

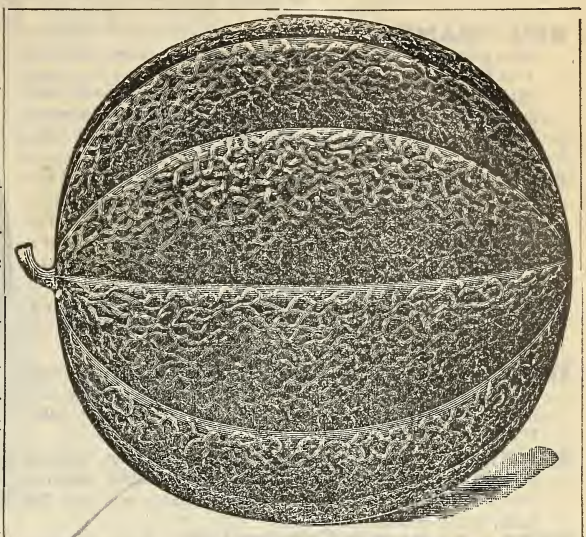
This splendid new variety of the Hackensack type originated on Long Island. It is of very superior quality, with green flesh and densely netted. In shape it resembles the Hackensack, but is slightly more ribbed. Besides being one of the most beautiful, it is also among the *earliest*, possibly the earliest of all. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

MONTREAL MARKET.

A prolific Nutmeg variety, largely grown for the Montreal market, where it is held in deservedly high esteem. Very nearly round, flattened at both ends, and deeply ribbed. Rind is green and netted. Flesh green, very thick and of exceptionally fine flavor. Melons grown under glass—the common method pursued with them—attain a weight of 20 pounds and upwards Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 75c.



MONTREAL MARKET.



TIP TOP.

TIP TOP IN APPEARANCE. IN QUALITY. IN PRODUCTIVENESS. . . . . .

A melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow-fleshed melon of the very best quality; every melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower and a heavy yielder. Another point which renders it valuable to the gardener is its handsome appearance. From a patch 60 feet square 400 marketable melons were gathered. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

ROCKY FORD.

A new melon, largely grown in Colorado, and shipped in car-loads to the eastern states. Proprietors of restaurants and hotels are well pleased because of their sureness of having a good tasting melon to offer their patrons, and the patrons being well pleased because they get a nice eating melon. The color inside is greenish white, very juicy and rich, good eating *clear to the rind*. Form, globular, *small*. An excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

GREEN-FLESHED OSAGE.

A Valuable Sort for Truckers and Market Gardeners.

This is a sport from the well-known salmon-fleshed Osage, with its fine grain and delicious sweetness. Mr. Coy, the veteran seed-grower, says: "It is superior in all respects to any other green-fleshed melon." This strong claim has been fully verified by hundreds of our customers who have grown it the past two seasons, and proclaim it "the king of all the green-fleshed sorts." It is very hardy and prolific, in size and shape like the Red-Fleshed Osage, but much more handsomely netted and colored on the outside skin. When ripe it is a bright yellow, with light green in the grooves. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

MUSK MELON, OR CANTALOUPE.—Continued.

NEW CHAMPION. This new variety possesses many good points: earliness, uniform growth, fair size, weighing 4 to 5 pounds; handsome in appearance, and excellent shipping qualities. The flesh is thick, light green, rich and sweet. Our stocks are genuine, and we recommend it for family or market garden. Pkt., 3c; oz. 7c; ¼ lb., 20c; lb., 75c.

EMERALD GEM. Orange flesh. Without doubt the most delicious table melon extant. The luscious flavor and melting flesh of this melon is without an equal. The vine is prolific, extra early; melons rather small but of a desirable table size. It cannot be shipped successfully. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 75c.

SUTTON'S GREEN CITRON. A well-known standard variety. Flesh green, sweet, juicy and delicious. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 75c.

IMPROVED LONG GREEN NUTMEG. Fruit of good size and nearly round. Flesh greenish yellow and of delicate flavor. Very early Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 75c.

SURPRISE. An early and very prolific variety, bearing good sized melons of first quality. Flesh thick, salmon-colored and of exquisite flavor. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 75c.

EXTRA EARLY HACKENSACK. Fast becoming the most popular variety with market gardeners. Fruit large, round and netted. Flesh green and deliciously flavored. Very productive indeed and a good shipper. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

IMPROVED CHRISTIANA.

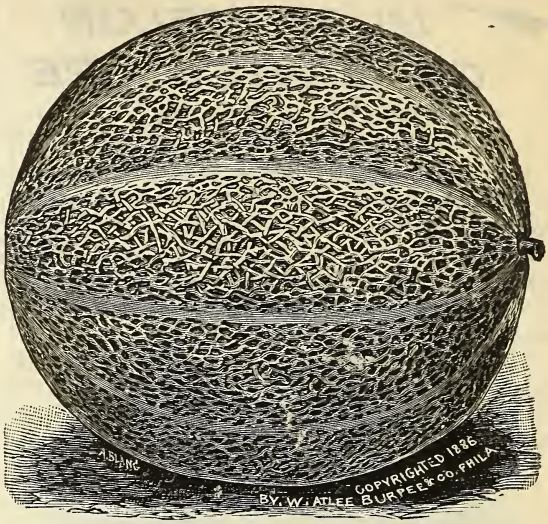
CHRISTIANA. Especially to be recommended because of its extreme earliness, being of the quickest growth of any on record. Flesh yellow, sweet, juicy, and of good quality. It is best just as it falls from the vines, hence adapted particularly to the family garden. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

OSAGE MELON, or MILLER'S CREAM. Styled the Queen of Melons. This novelty but recently introduced is most highly prized about Chicago, and is fast becoming the most popular variety in nearly all the hotels and restaurants. Skin dark-green, slightly netted, medium sized and egg-shaped. The flesh is of a rich salmon-color very sweet and melting in quality, and is so thick that the melon is almost solid, the seed cavity being remarkably small. Pkt., 3c: oz., 7c; ½ lb., 20c: lb., 75c.

BAY VIEW. Fruit very large and handsome, attaining under ordinary cultivation a length of 18 inches, and a weight of 12 to 15 pounds. Flesh green, thick, sweet, and juicy. Very hardy and prolific. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

SKILLMAN'S FINE NETTED. A small, very early standard melon of recognized merit. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

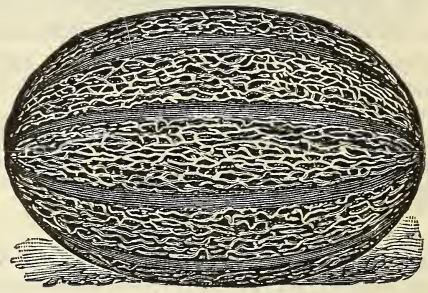
CASABA. or LONG PERSIAN. Flesh yellowish-green, rich melting and sweet. Particularly fine for home use. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c



NEW CHAMPION MARKET.

JENNY LIND. An early and desirable market sort, of excellent flavor. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

BALTIMORE MARKET. Flesh green, very thick and remarkably sweet and juicy. A fine shipper and a prominent hotel and restaurant melon for the leading markets. Pkt., 3c: oz., 7c; ¼ lb., 20c; lb., 70c.



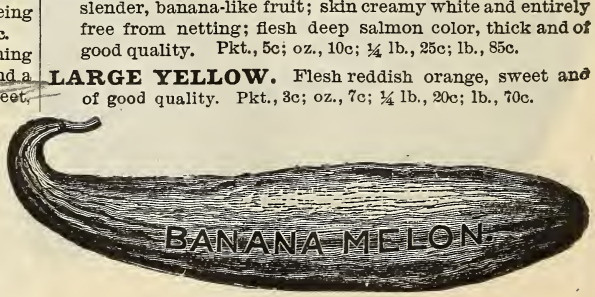
BALTIMORE MARKET.

NETTED GEM. One of the earliest, most productive and finest *small* melons grown. Fruit globular in form, uniform in size and weight—ranging under 2 pounds—and keeps finely for nearly a week after plucking Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 75c.

CHICAGO MARKET. This exceedingly valuable variety, originated, as a result of careful selection, with one of Chicago's most successful market gardeners and melon growers. It matures early, ripens evenly, and is of uniform size. The fruit is large, nearly round in form, and flattened at the ends. Flesh thick and of most delightful flavor. It is a green fleshed variety, and in good demand among the Chicago hotels. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 75c.

BANANA. An entirely distinct variety, bearing long, slender, banana-like fruit; skin creamy white and entirely free from netting; flesh deep salmon color, thick and of good quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

LARGE YELLOW. Flesh reddish orange, sweet and of good quality. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.



WATER MELON.

Wassermelone, GER. **Sandia,** SP. **Melone d'eau Pasteque,** FR.

1 oz. to 30 hills, 4 to 5 lbs. in hills to an acre.

The culture of the Water Melon is very similar in all respects to that of the Musk varieties. Being hardier, and of much more vigorous habit, however, it may be planted in May, before settled warm weather appears, in hills not less than 8 feet apart, and thinned to two vines per hill. If melons of largest size are the object, remove all but a few when quite small.

THE DIXIE.

Among the many melons of recent introduction none have so rapidly advanced in popularity as a melon for general crop, as the Dixie. It possesses the desirable qualities of a good shipper, early maturity, large size, handsome form, bright, fresh appearance, thin but firm rind, which will endure handling, and remains a long time before showing any signs of decay. The skin is dark green beautifully striped; the flesh a bright, deep scarlet, sweet, tender, and juicy, quite free from stringiness. It is a reliable cropper, the vines grow strong, and are very hardy, resisting cold and wet to a remarkable degree. It is pronounced superior to and earlier than the well-known Kolb's Gem. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

VICK'S EARLY. Especially recommended for its *extreme earliness*, this characteristic makes it particularly desirable in the more northern latitudes. Oblong, smooth, rather small, flesh bright pink, solid and sweet. Pkt., 3; oz., 7c; ¼ lb., 20c; lb., 70c.

SEMINOLE. *One of the best in cultivation and pronounced a perfect melon in every respect.* It is extra early, enormously productive, solid, ripening clear up to the rind, color gray and light green, and of excellent flavor. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

PHINNEY'S EARLY. Flesh red, sweet, tender and brittle. Hardy, productive, early and a sure cropper. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

THE BOSS. Fruit above medium size and oblong, flesh brilliant red and of unusually rich flavor. Excellent for home use. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

BLACK SPANISH. Flesh red, sweet and delicious. A well-known standard sort of great excellence. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

GEORGIA RATTLESNAKE. (TRUE.) Large and long oblong; skin very dark green; flesh red and of fine quality. A popular variety on account of its shipping qualities. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

MOUNTAIN SWEET. One of the very best for general culture; rind thin and dark green; flesh red, solid and very sweet. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

Hungarian Honey.

A small, round, globe-like variety of recent introduction, noted for its delicious, honey-like flavor. Rind dark green; flesh deep carmine, juicy, entirely stringless and coreless. Vines are hardy, productive and mature the melons early and evenly. It is a convenient size for family use, and must become a general favorite. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

COLE'S EARLY.

A delicious and productive variety for the family garden, succeeding in Northern States. It is so early that it matures in every State; very hardy; the flesh is deep red in color, clear to the rind, and is most sweet and delicate in flavor. It is exceedingly brittle, and hence cannot be shipped to distant markets, but is most desirable for the home garden. Pkt., 5c.; oz., 7c.; ¼ lb., 20c.; per lb., 70c.

SWEET HEART.

Early, Large and Handsome. *A long keeper, unequaled for shipping.* Vines vigorous and prolific. Fruit oval and very heavy; rind thin but firm, uniformly mottled light and very light green; flesh, bright, red, firm, solid, but very melting and sweet; seeds gray. Remains longer in good condition than other sorts. It brings a better price in the market where it is known than other melons. Pkt., 5c.; oz., 7c.; ¼ lb., 20c; lb., 70c.

THE TRIUMPH.

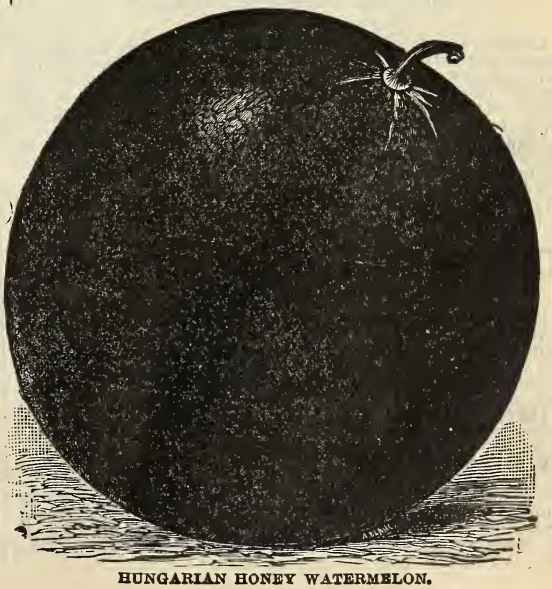
The Triumph is characterized by *fine shape, an exceedingly thin, tough rind, great productiveness, attractive color and excellent quality.* It is a cross between Duke Jones and Kolb's Gem, having the fine appearance of the former, and those splendid shipping qualities for which the Gem is famous. The Triumph Water Melon is very early, the average size may be gathered from the fact that on 2½ acres, 2,418 melons weighing over 40 lbs. each were gathered. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., $1.25

CUBAN QUEEN. Large, productive variety. Rind of medium thickness, but sufficiently tough to stand shipping well, beautifully striped, light and dark green; flesh bright red, very crisp, sugary and solid. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

DARK ICING. Fruit round and of medium size; rind dark green, thin, but very strong; flesh deep scarlet; rich, juicy and delicious. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

LIGHT ICING. Similar to the preceding, but a light variety. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

MAMMOTH IRON CLAD. A monstrous, striped, oblong melon, having a rind of such remarkable strength and inpenetrability as to render it perfectly "iron-clad;" hence the best shipper produced to date. Flesh red, sweet, tender, crisp and juicy. Heart very large. The keeping qualities of this melon are remarkable. Whether plucked or left upon the vines, they remain perfectly fresh fully one month after ripening. In addition to the foregoing facts it is the most remarkable yielder on record. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.



HUNGARIAN HONEY WATERMELON.

WATER MELON.—Continued.

KOLB'S GEM.

KOLB'S GEM.

One of the most excellent of the recently introduced varieties. Of vigorous habit, productive and remarkable for its keeping qualities, retaining its freshness and flavor longer after plucking than any other known variety. Rind dark-green, marbled in light, very thin, yet so firm as to bear transportation admirably. Flesh red, deliciously sweet and crisp. Weight varies from 25 to 50 pounds. Deservedly popular with melon shippers and in the market. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 60c.

PEERLESS, OR ICE CREAM. Flesh red, solid to the center, sweet and delicious. Seeds white. Early, vigorous, hardy, productive, and altogether a desirable variety. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 60c.

PRIDE OF GEORGIA. A much better table variety than the Kolb's Gem, though not so good a shipper, owing to the exceeding thinness and tenderness of the rind. In form the melons are an oblong-oval, bearing indentations somewhat like the Musk Melon. The vines are exceedingly prolific. After a thorough trial of its merits, we recommend it highly to our friends desiring melons for home use, in any section of the country. Pkt., 3c.; oz., 7c.; ¼ lb.. 20c.; lb., 70c.

CITRON. (*Preserving Melon.*) Fruit small, perfectly round and handsome. Used for preserves, etc. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.

LEEK.

Lauch, GER. Puerro, SP. Poireau, FR.

1 oz. to 150 ft. of drill.

Leeks are useful for flavoring soups, etc., and in Europe are considered better for the purpose than onions. Prepare the soil and sow the seed as for onions. When large enough to handle, about the size of a lead pencil, transplant to a well enriched bed. Set in rows one foot apart, four or five inches in the row.

Large American Flag. This is the sort chiefly grown by market gardeners. It is of excellent quality, mild flavor and uniform. Pkt., 5c.; oz., 10c; ¼ lb., 30c.; lb., $1.00.

Musselburg. (Scotch Champion.) Large and broad leaves. Flavor mild and pleasant. A good leek. Pkt., 5c.; oz., 10c; ¼ lb., 30c; lb., $1.20

OKRA OR GUMBO.

1 oz. sows 50 ft. of drill.

Extensively grown in the Southern States, and should be better known, as it is a delicious vegetable. The young green pods make a healthful and nutritious soup, and when pickled are a fine salad. Sow after weather becomes warm in rows three feet apart, two feet apart in the rows. Will succeed in any good garden soil.

IMPROVED DWARF. A distinct early variety. Pods comparatively short but very numerous. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

WHITE VELVET. A valuable new variety characterized by its round, smooth pods, free from ridges and seams. It is the most prolific Okra now offered, bearing 16 to 20 remarkably white pods per stalk; all well filled with tender, well-flavored fruit, rich in mucilaginous properties. Most desirable for all purposes for which Okra is used. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

MUSHROOMS

Champignon Brut, GER. Seta, SP. Champignon, FR.

MUSHROOMS.

Considering the ease with which the great luxury of fresh mushrooms may be obtained, it is only a question of time when mushrooms will be as common as onions. They may be grown in an ordinary house cellar, shed, or out-of-the-way place. Caves are well adapted to the purpose.

Take fresh horse manure, and use nothing but the fine portion of it, shaking out the straw. Mix this with fresh loam, one part loam and two parts manure, and turn every day to keep it from burning, until the fiery heat is nearly all out of it. Prepare the bed about four feet wide, and as long as required. Put in the preparation about eight inches deep, making it very solid as it is put in. Let it remain in this condition until the temperature has become reduced to ninety degrees. Make holes two or three inches deep, into which put the spawn, in pieces about as large as an egg, and at a distance of twelve inches apart each way. Cover the spawn and let it remain for eight or ten days. Then cover the whole bed with fine loam to the depth of two inches, making it firm with the back of a shovel or spade. The bed must be in a covered situation, and the prepared soil kept dry from the commencement, and in a dark place, with the temperature about fifty degrees. If everything is favorably done, the mushrooms will appear in from six to eight weeks. After the bed has been spawned, do not water unless quite dry, and, when necessary, use lukewarm water only.

ENGLISH SPAWN. In bricks, Imported by us direct from a celebrated English mushroom grower. Per brick, 25c., postpaid; not prepaid, lb., 15c.; 10 lbs., $1.00; 25 lbs., $2.00.

FRENCH SPAWN. Put up in boxes of 2 pounds, per box, 70c.; if by mail, $1.00.

MUSHROOM CULTURE.

A well-written andi llustrated book, giving full cultural directions with descriptions of places where Mushrooms can be properly grown. Postpaid for 75c.

MUSTARD

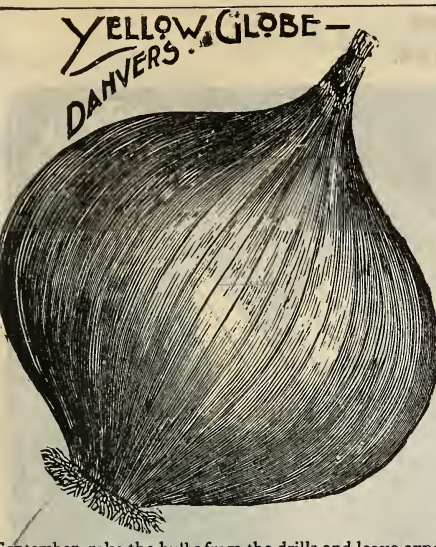
Senf, GER. Mootaza, SP. Moutarde, FR.

1 oz. sows 75 feet drill.

The young leaves are used in early spring with cress, lettuce, etc. Sow thickly in shallow drills a foot apart, and cut when a few inches high.

WHITE. Excellent for salads or garnishing. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

BLACK or BROWN. Leaves oblong, broad and curly. Seeds reddish brown. Oz., 5c.; ¼ lb., 15c.; lb., 35c.



ONION.

Zwiebel, Ger. Cebolla, Sp.
Ognon, Fr.

1 oz. to 100 ft. drill; 6 lbs. to an acre.

A rich, light, mellow loam is best to insure successful onion raising, and may be cultivated to the same crop year after year. The ground should be thoroughly enriched, either with fine, decomposed manure, ground bone or superphosphates, and be deeply spaded or plowed, harrowed and pulverized, the surface being raked free from stones and hard lumps. In April sow about six pounds of seed to the acre, in rows 14 inches apart, and cover to the depth of ¾ of an inch; press the soil firmly about the seed. If the sowing be a large one, it can best be done by a machine. When the plants are 3½ to 4 inches high, thin to 2 inches apart.

In the process of cultivation be careful not to stir the soil too deeply, nor to collect it about the growing bulbs. When the tops become entirely decayed, which will occur in August or early in September, rake the bulbs from the drills and leave exposed to the sun for a few days, after which they will be ready for storing or for market. The yield varies from 500 to 800 bushels per acre, according to the nature of the soil and the variety used.

EXTRA EARLY RED FLAT. An extra early variety. It yields abundantly and is of a mild flavor, medium size, deep red in color; very close-grained, solid and heavy. This will often form bulbs in cold and mucky soil, where other varieties fail. It is highly recommended, particularly for the North and Northwest. Desirable for early fall use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

EARLY RED GLOBE. Earliest of the red varieties, fine grain and of good size; a great favorite where it is well known. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

EXTRA LARGE RED WETHERSFIELD. This will be found a superior strain, far excelling the ordinary Red Wethersfield. The size, productiveness and long-keeping qualities are improved, and are to be found to perfection in this strain. We are paying our gardeners an extra price for the increased care devoted to this crop. It is of perfect form; skin a deep, purplish red, and the flesh of the finest quality. Gardeners and onion growers generally, will find that this strain will meet with ready sale and command the highest market prices, as its appearance is all that can be desired. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

LARGE RED GLOBE. An exceedingly handsome and desirable variety, and is deserving of general cultivation. It matures quite early, grows to a large size; skin deep red; flesh fine-grained, mild and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c.; lb., 75c.

YELLOW DANVERS. Bulb of good size and flat; the standard yellow onion for market or home use. being both early and an enormous yielder, as well as good keeper. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 65c.

YELLOW GLOBE DANVERS. A true globe in shape and of very handsome appearance. Skin beautifully golden, flesh white and delicately flavored. A very productive variety. Our stocks have been carefully bred from year to year, until it seems there is nothing left to attain, so perfect has the type become. Pkt. 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

SOUTHPORT LARGE YELLOW GLOBE. A handsome globular variety of excellent flavor. This variety is quite distinct from the Yellow Globe Danvers. It is of large size, thin yellow skin, white flesh, fine-grained, mild flavor, very firm and the best of keepers. Very reliable variety for bottoming and free from scullions. It matures early and sells readily at the best prices. Pkt.. 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

YELLOW DUTCH, OR STRASBURG. This variety is largely used for growing sets. Bulb large, oval and variable in form. Outside skin brown and of firm texture. Flesh white, fine-grained, and of comparatively mild flavor. Very hardy and a good keeper. Pkt., 3c; oz., 7c; ¼ lb., 20c.; lb., 70c. 1.50.

WHITE GLOBE. American grown seeds. Flesh firm, fine-grained and of mild flavor. An abundant yielder and good keeper. Pkt., 5c; oz., 15c; ¼ lb., 50c. lb., $1.75.

WHITE PORTUGAL, OR SILVER SKIN. Skin silvery-white; flesh of unusually mild flavor; very desirable for early winter use or for pickling. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50.

☞We are prepared to make Special Prices on larger quantities. Please write us before buying.

There are two things which do not run in parallel lines, namely, low prices and highest quality of seed. Perhaps in no other crop will the departure from high grade stock be detected than in Onion Seed. A certain amount of extra labor, extra watchfulness, extraexpense, dating back for a number of years, represent the price of extra quality.

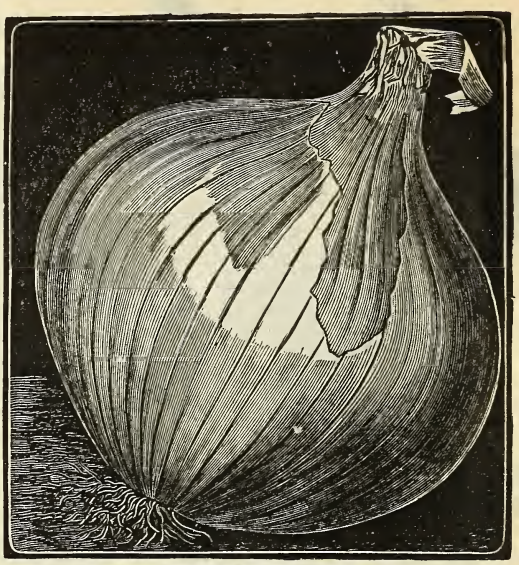
We have bestowed utmost care to provide our customers with good Onion Seed of highest quality. Crop 1897 cannot be sold for prices less than we quote.

ONION—Continued.

FOREIGN VARIETIES.

Prize Taker Onion.

A globe-shaped variety of recent introduction, remarkable for its enormous size, many specimens reaching the weight of three and one-half pounds each. The skin is a bright straw color, flesh white, very thick and of mild flavor. Earliness, uniform shape, productiveness, and its long-keeping qualities have made the Prize Taker a valuable acquisition. *It is to-day one of the largest, handsomest and most profitable varieties grown.* Pkt., 5c; oz., 15c; ¼lb., 35c; lb., $1.25.



PRIZE TAKER ONION.

Mammoth Pompeii.

Of enormous size, it has produced onions weighing four to five pounds, and of fine quality. The skin is very thin and delicate in appearance, of a handsome reddish-brown color, the flesh is pure white, very fine grained and remarkably mild. Pkt., 5c; oz., 15c; ¼ 35c; lb., $1.25.

Mammoth Silver King.

A beautiful silvery onion, rivaling in size and weight the Mammoth Pompeii; diameter ranging from 5 to 7 inches, and weight from 2 to 4 pounds each. Form, a depressed globe. Flesh snowy white, delicate, sweet and tender. It matures early, and is a grand desideratum for market, table or exhibition purposes. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.25.

NEW GIANT ROCCA OR NAPLES. Flesh white, mild and delicious. The largest and handsomest brown skinned onion grown, and a most excellent keeper. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., $1.00.

BLOOD RED ITALIAN TRIPOLI (Red Ætna.) A round, flat variety of large size and rapid growth; of mild and agreeable flavor. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., $1.00.

FLAT WHITE ITALIAN TRIPOLI (White Ætna.) Similar to the preceding, except in color. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., $1.00.

NEW QUEEN. Bulbs very small and flat; flesh white and of a delicate flavor. Sown in February, they will make onions one or two inches in diameter early in the summer. Very early and of rapid growth, and keeps the year round. Fine pickling variety. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., $1.00.

EARLY WHITE BARLETTA. The great merit of this variety is its extreme earliness. It is fully two weeks earlier than the White Queen. Color, pure waxy white; very mild and delicate flavor; from 1 inch to 1½ inches in diameter, and ¾ of an inch thick. Good for pickling. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.15.

ONION SETS.

Price per bushel given on application.

1 Quart to 100 feet drill.

Onion Sets may be planted as early in the spring as the conditions of the ground will permit, and will then produce onions in the green state by June, and will ripen in July. Set about 4 inches apart, in drills 1 foot apart.

WHITE MULTIPLIER ONION SETS. A valuable onion, pure white in color, enormously productive, hardy and of fine quality. Qt., 50c, prepaid.

	Qt., prepaid
WHITE BOTTOM SETS,	35c
YELLOW " "	30c
RED " "	30c

	Qt., prepaid
POTATO ONIONS,	45c
TOP ONIONS,	30c

EGYPTIAN, OR PERENNIAL TREE. When once set out, without having the slightest winter protection, it will come up year after year as soon as the frost breaks ground, and will grow very rapidly. The young sets grow on top like Tree Onions, and can be planted in the fall. Pt., 30c; qt., 55c, prepaid.

PARSLEY.

Petersilie, GER. Pereju, SP. Persil, FR.

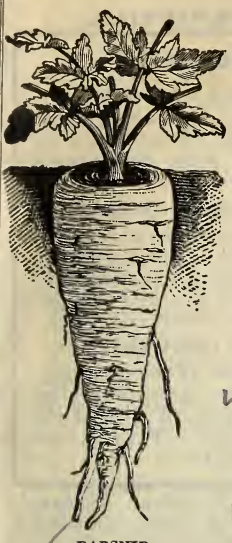
The seeds being given some weeks to germinate, should be planted as early in the spring as the ground is in good working condition. It is well to soak them a few hours in tepid water before sowing. Sow in drills 14 inches apart and 6 inches asunder, covering to the depth of one-half an inch.

CHAMPION MOSS CURLED. A beautifully curled variety, resembling a tuft of moss. Highly ornamental. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

FINE DOUBLE CURLED Dwarf and finely curled. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

PLAIN OR SINGLE. Leaves plain and longer than the curled sorts. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

HAMBURG. Roots large and fleshy. Used for flavoring soups and stews. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.



PARSNIP.

PARSNIP.

Pastinake, GER. Panais, FR.
1 oz. for 200 ft. drill; 5 or 6 lbs. per acre.

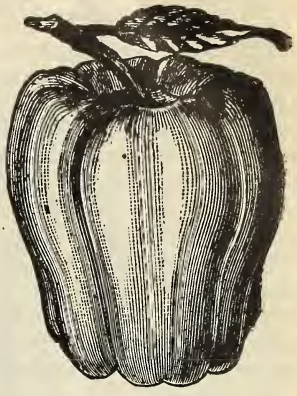
THE value of the parsnip as a table vegetable is well-known, but not so readily recognized as an economical farm product of great value for stock food. It is more nutritious than carrots or turnips, and is of particular value for feeding to dairy stock. Cultivate as for carrots; it is customary to leave parsnips in the ground over winter, as frost improves the roots. A few can be dug in the fall and stored in the cellar for use during the winter.

IMPROVED GUERNSEY. Market gardeners in this vicinity consider this variety unexcelled. It is much superior for market purposes to the ordinary sorts, the roots being smooth and carrying their thickness well down, not tapering so much nor growing so long. They have a handsome appearance when bunched. Flesh fine grained and of excellent quality. Pkt. 3c.; oz. 7c.; ¼ lb. 20c.; lb 55c.

MAGNUM BONUM. This new variety is a decided improvement over the Hollow Crown. The tops fill up almost even, preventing them from rotting in wet seasons. The roots are long smooth and handsome, very tender and of excellent flavor. Pkt., 3c.; oz. 7c.; ¼lb. 20c.; lb. 55c.

IMPROVED HOLLOW CROWN. This is an old, standard variety, preferred by many to all others. Roots, long and smooth. We have a strain that will give satisfaction. Pkt. 3c.; oz. 5c; ¼lb. 15c; lb 40c.

EARLY ROUND. Roots are short, round and handsome. Well adapted for shallow soils; quality, excellent. Pkt., 5c; oz., 10c.; ¼lb., 20c.; lb., 60c.



BULL NOSE.

DON'T OVERLOOK
Our Collections of Flower and Vegetable Seeds.
See Second Cover Page.

PEPPER.

Pfeffer, GER. Pimebt, FR.
1 oz. seed to 1500 plants.

PEPPERS are more tender than most vegetables. The seed should be sown in a hot-bed, cold frame or if no better convenience, a box in the window and transplanted about the last of May. They can be sown in the open ground when the weather becomes warm and settled. Warm, mellow soil, well fertilized should be used.

RUBY KING. The mildest pepper in our list. Grows from four to six inches in length by three to four inches in diameter. Color, bright and ruby red. Good for stuffed pickles. Pkt. 5c; oz. 25c.; ¼lb., 75c.; lb., $2.50.

SWEET MOUNTAIN. Fruit very large, long, often eight inches or more in length, skin smooth, green when young and rich at maturity. Flesh thick, sweet and mild. This sort is much in use to stuff for mangoes. Pkt., 5c; oz., 25c., ¼lb. 75c., lb., $2.50.

LARGE BELL OR BULL NOSE. Much esteemed for making chopped pickles. One of the earliest varieties. Flesh, thick and hard, and not so pungent as some others. The standard sort for family use and market. Pkt., 5c; oz., 25c.; ¼lb., 75c.; lb. $2.50.

CELESTIAL.

GOLDEN DAWN PEPPER.

GOLDEN DAWN. An extremely ornamental sort, very productive. The flavor is mild and sweet. Pkt., 5c; oz. 25c.; ¼lb., 75c; lb., $2.50.

CELESTIAL. Not only a most useful pepper, but one of the most beautiful plants in existence. The plant begins to set its peppers early in the season, and continues till frost, branching freely and bearing profusely. The peppers up to the time they are full grown, are of a delicate, creamy yellow color, and when fully grown, change to an intense, vivid scarlet, making a plant, when loaded with fruit, part of one color and part of another, an object of the most striking beauty and oddity. Pkt., 5c; oz.; 25c.; ¼lb., 75c.; lb., $2.50.

PROCOPP'S GIANT. Fruit extraordinarily large, averaging six inches in length, sharp and crisp. Color, glossy scarlet; flavor just hot enough to be pleasant. Pkt., 5c; oz., 30c.; ¼lb., $1.00; lb., $3.50.

RED CLUSTER. Peppers are small, thin and crowded together in bunches at the top of each branch. Fruit is hot and pungent; ripens easily. Over one thousand peppers have been counted on a single plant of this variety. Pkt., 5c; oz., 25c.; ¼lb., 80c., lb., $3.00.

CHERRY RED. A small, smooth, round variety of dwarf growth. Fruit at maturity, rich, glossy scarlet. Pkt., 5c; oz., 25c; ¼lb., 75c.: lb., $2.50.

CAYENNE. Pod, small, cone-shaped, red, hot and pungent. Used for pickles and making pepper sauce. Pkt. 5c; oz., 25c.; ¼lb., 75c.; lb., $2.50.

PEAS.

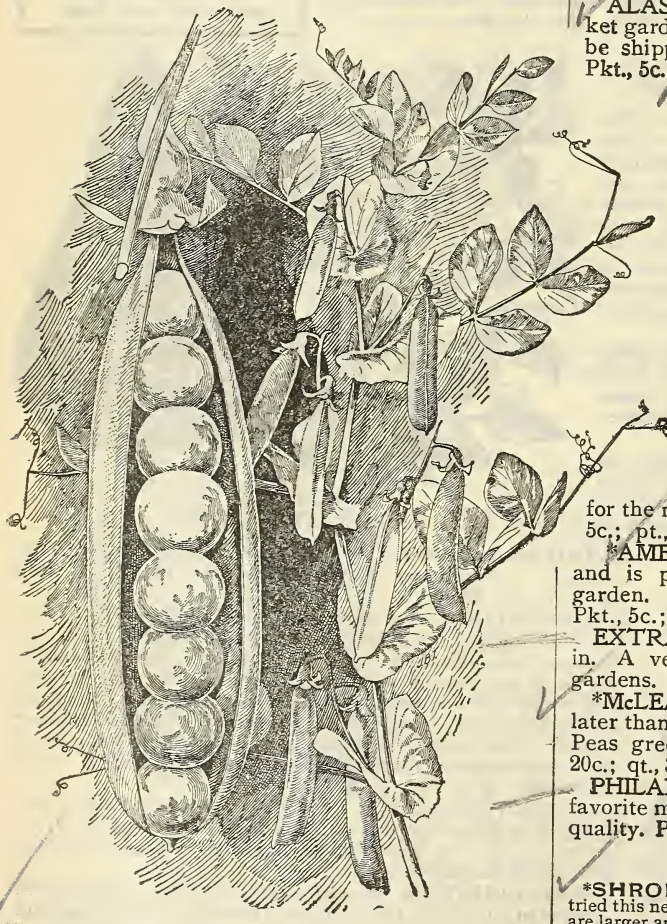
Erbsen, GER. Pois, FR.

1 qt. will sow about 125 feet of drill; 1½ bu. an acre.

Peas are extremely hardy, and will endure a great deal of cold either in or above the ground. By sowing as early as the ground can be worked and making repeated plantings at intervals of two weeks, peas of excellent quality may be had far into the summer. Sow in drills two or three inches deep and from three to four feet apart, narrow for the dwarf and wide for the tall growing sorts. Dwarf growing peas require very rich soil and no support; tall growing varieties should be trained to wire trellises or supported by brush. If the soil is rich they will run too much to stalks. Wrinkled peas, marked *, contain a greater amount of saccharine matter than the smooth sorts.

Figures preceding description of varieties indicate height in inches.

Price for packet, pint or quart, includes postage. When sold over our counter or if forwarded by mail or express at buyer's expense, 15c. per quart may be deducted from our prices.



The Admiral.

For the home garden, the market gardener or canning purposes, there is no better second early pea. Grows from 3 to 4 feet high. Pods in abundance, bright green, carrying six or more peas of best quality and color. The dry peas are wrinkled and flattened. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

EXTRA EARLY VARIETIES.

Barnard's "Leader."

THE EARLIEST OF THE EARLIES.

The records of another season have again shown that all the claims we made in former years for this very superior pea have been conclusively demonstrated. It is

THE BEST VARIETY FOR MARKET GARDENERS

to plant, and for home use we have yet to find a better. Grows about 30 inches high. Vines vigorous, *extremely prolific*, the pods being numerous and *well filled with peas of good size and delicious flavor*. A further good quality is that of

RIPENING WITH GREAT UNIFORMITY

so that the vines can be stripped at one picking.

We have sold this pea in past seasons very extensively, and all who have grown it give it the highest praise. Try it this year. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., $3.50.

RURAL NEW YORKER. 30 inches. An excellent very early Pea. Pods of fine shape, containing from six to nine peas of fine quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

ALASKA. 24 in. A most desirable pea for market gardeners. Pods dark green, peas blue. Can be shipped long distances without losing its color. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 75c.; bu., $2.75.

FIRST AND BEST. 30 in. Stocky and vigorous. Early and prolific. Ripens all at the same time. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 75c.; bu., $2.75.

***NOTT'S EXCELSIOR.** 15 in. *The earliest and best dwarf wrinkled pea.* It is as hardy as the earliest market sorts, and in quality equal to the very best. Pods of good size, each containing 6 to 8 peas. Ready for table in from forty-five to fifty days from planting. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., $3.50.

DWARF BLUE PETER, OR BLUE TOM THUMB. 12 in. Of excellent quality and yields abundantly. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., $3.50.

***EXTRA EARLY PREMIUM GEM.** 15 in. An improvement on Little Gem. Seeds large, green and sweet. A good one for the market gardener or the private family. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00

***AMERICAN WONDER.** 12 in. It is very dwarf, and is particularly recommended for the family garden. Very productive and flavor unsurpassed. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., $3.50.

EXTRA EARLY DWARF TOM THUMB. 10 in. A very early and desirable variety for family gardens. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., $3.50.

***McLEAN'S LITTLE GEM.** 18 in. A few days later than First and Best. *Matures in eight weeks.* Peas green and of excellent quality. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

PHILADELPHIA EXTRA EARLY. 30 in. A favorite market sort. Peas smooth and of excellent quality. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 75c.; bu., $2.75

Second Early Sorts.

***SHROPSHIRE HERO.** 36 in. Market gardeners who tried this new pea last season give it unstinted praise. The pods are larger and better filled than Telephone and others of its class; averages seven and often contains nine or ten peas of delightful flavor. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., $3.50.

***HORSFORD'S MARKET GARDEN.** 24 in. An enormous yielder, the pods literally packed with peas. Requires no bushing. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.25.

***McLEAN'S ADVANCER.** 30 in. A favorite with market gardeners and for home use. Long pods, well filled. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 80c.; bu., $3.00.

***BLISS' ABUNDANCE.** 36 in. Branches directly from the roots. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., $3.25.

GARDEN PEAS.—Continued.

*HEROINE. 30 in. This is a medium early, green Wrinkled Pea; grows uniformly about two and one-half feet high, and is literally covered with well filled long, heavy, pointed pods; so striking and distinct is this variety that it would be picked out at once in a field of one hundred other varieties. The quality of this pea is simply perfection—that rich, buttery, marrow-like flavor for which the peas grown in the gardens of Old England are celebrated. Pkt., 5c.; pt., 20 c.; qt., 35c.; pk., 90c.; bu., $3.50.

Main or Late Crop Peas.

*STRATAGEM. 24 in. An English variety of late introduction, by many considered the best of this class. It is a dwarf, blue marrow, a heavy cropper, pods often over six inches in length, containing nine to ten peas of superb quality. Pkt., 5c.; pt., 20 c.; qt., 30c.; pk., $1.00; bu., $3.75.

*EVERBEARING. 24 in. A cross between Little Gem and Champion of England. Should be planted thinner than other kinds. For home use it is one of the best. Pods three to four inches in length, well filled with rich, marrowy peas. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., $3.25.

*YORKSHIRE HERO. 36 in. We have occasional calls for this well-known pea. An excellent sort for canning purposes. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 85c.; bu., $3.25.

LONG ISLAND MAMMOTH. 42 in. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with green peas of excellent quality. Popular with eastern truckers and market gardeners. Pkt., 5c., pt., 20c.; qt., 35c.; pk., $1.00; bu., $4.00.

*CHAMPION OF ENGLAND. 55 in. Generally conceded to be the best late tall pea. It is a profuse bearer and the peas are of excellent quality. Adapted to the requirements of both amateur and professional gardeners. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 75c.; bu., $3.00.

*PRIDE OF THE MARKET. 24 in. Most wonderfully productive and extensively planted by market gardeners. Pods long, generally in pairs, dark green; peas round, blue, and of fine flavor. Pkt., 5c.; pt., 25c.; qt., 40c.; pk., $1.15; bu., $4.50.

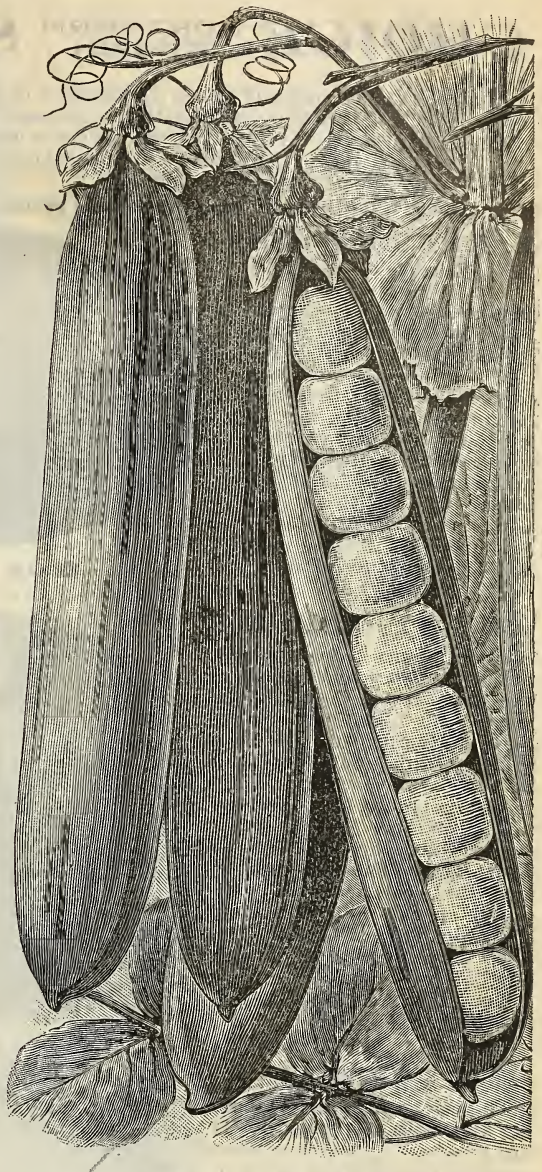
*VICTORY. 30 in. A splendid pea of recent introduction. Peas green, wrinkled, sweet, very large, from 8 to 10 in a pod. An enormous yielder, maturing about the same time as the Stratagem. Pkt., 5c.; pt., 25c.; pk., $1.25; bu., $5.00.

ROYAL DWARF WHITE MARROWFAT. 24 in. A large delicious marrow pea; an excellent bearer and a favorite with market gardeners. Pk., 5c.; pt., 20c.; qt., 30c.; pk., 60c.; bu., $2.00.

LARGE BLACK-EYED MARROWFAT. 60 in. This, like the preceding, is extensively grown as a field crop. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 60c.; bu., $2.00.

Edible Podded or Sugar Peas.

DWARF SUGAR. 24 in. Similar in habit to "American Wonder." Pods crimpled and of melting quality. Pkt., 5c.; pt., 25c.; qt., 40c.; pk., $1.40; bu., $5.00.



TELEPHONE PEA.

Telephone This pea has proved to be a valuable acquisition. Vines vigorous, growing about four feet high, with large coarse leaves. Pods very large, filled with immense peas, which are tender, sweet and of excellent flavor. Notwithstanding the large amount of inferior and spurious stock which has been sold, no pea of recent introduction has gained more rapidly in popularity than this, thus showing that has sterling merit which gardeners appreciate. The it stock we offer is prolific and has been carefully selected. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., $1.00; bu., $4.00.

FIELD PEAS.

Canada Field, Golden Vine, Common Blue. Pkt., 5c.; qt., 25c. Postpaid. Write for special prices in larger quantities.

CHOICE NORTHERN GROWN SEED POTATOES.

We offer for the present season a good stock of **exceptionally fine** seed potatoes, every tuber grown and selected for seed purposes with the greatest care. The potatoes are large, bright, smooth and free from disease. At these very low prices it will pay to change your seed.

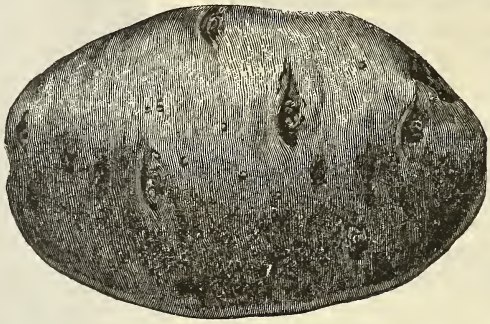
At prices quoted potatoes are forwarded by express or freight, as directed, purchaser paying charges. We make no charge for sacks or barrels.

Small quantities by mail or express prepaid, lb. 25c, 3 lbs. 60c, unless otherwise noted.

EARLY SIX WEEKS

Without exception the earliest potato in existence.

Medium size, smooth, oblong; skin pink, flesh white, tubers grow close together in the hill and grow so rapidly that under favorable circumstances they are fit for family use **in six weeks from the time of planting,** and mature in ten or eleven weeks. We call this a good potato and can confidently recommend it for the market or home garden. Pk. 40c, bu. $1, bbl. $2.50.



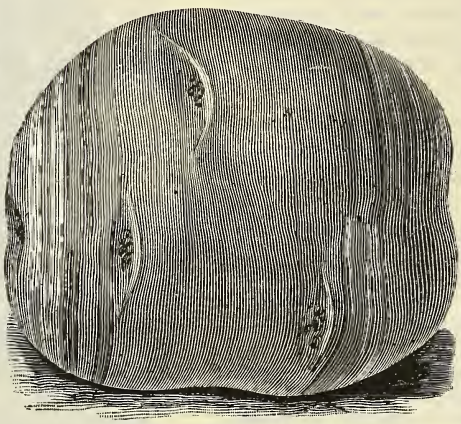
EARLY SIX WEEKS.

EXTRA EARLY OHIO

Standard extra early Potato, maturing two weeks ahead of the Early Rose. A special favorite with marketmen and the most profitable sort they can grow. It gives satisfaction in all parts of the country. While not a new potato, the tubers are much smoother and of better shape than the well known Early Ohio. They are smooth, free from scab and grow compactly in the hill, are easily dug; very few small ones. Almost every one being of marketable size.

They keep firm until late in the spring.

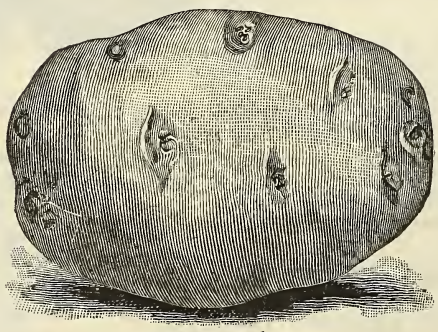
Pk. 35c, bu. $1.00; bbl. $2.50.



RURAL NEW YORKER.

RURAL NEW YORKER NO. 2.

This is the best intermediate and main crop potato. It has a distinct appearance, large unusually smooth, few and shallow eyes, skin and flesh white, table quality unexcelled. **A sure cropper.** Now well known and admitted to have more than ordinary merit. Like the others originated by Mr. Carmen it is well worthy of cultivation. Its solidity and vigor are such that it has rotted less in very wet seasons than any of the numerous sorts grown with it. Pk. 35c, bu. $1.00; bbl. $2.50.



CARMAN NO. 1.

CARMAN NO. 1.

Originated by and named in honor of the celebrated editor of *The Rural New Yorker*, who says of this potato: "It is the finest potato I ever saw." It is medium in season, resembles the Rural New Yorker in appearance, flesh white. Its chief characteristic is enormous productiveness and *elegant quality*, dry, white, mealy. Leading potato specialists are loud in its praises. Pk. 40c, bu. $1.00; bbl., $2.50.

CARMAN NO. 3.

Without exception the **greatest yielder** ever introduced, and the **best late** variety ever grown. Practically every potato is of marketable size. Flesh white, has no hollow heart or dark places. An unequalled field variety. Pk., 60c.; bu., $1.00; bbl., $2.75. By mail per lb., 30c.; 3 lbs., 85c.

JUNE EATING.

Originated in Wisconsin, skin and flesh white, tubers close in the hill, few small ones. They have been ready for use as early as June 20th. The yield and quality is all that can be desired.

Pk. 35c; bu, $1.00; bbl. $2.75.

WORLD'S FAIR.

A new potato of great value for **general use;** of **first quality,** strong growing, **very prolific, main crop variety.** Tubers are smooth, eyes so nearly even with the surface as to be almost imperceptible; perfectly symmetrical in form and outline; skin yellowish white, well covered with netting; flesh pure white, fine grained and mealy. Vines thick and strong, tubers very compact in the hill. Pk. 40c, bu. $1, bbl. $2.50.

SWEET POTATOES

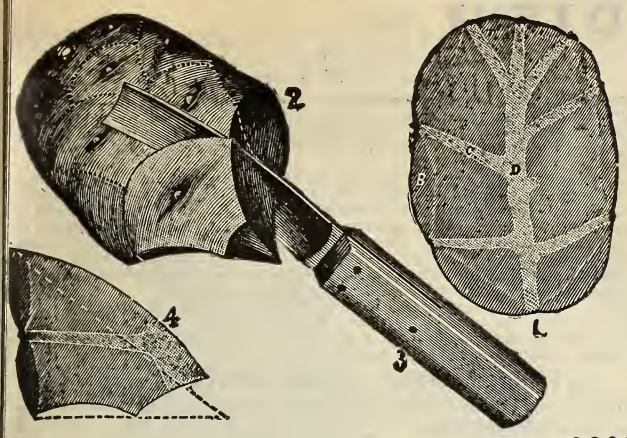
Choice Stock Grown and Selected for Seed Purposes. Please order early, giving date you wish them shipped. *Prices changeable.* Write for lowest market quotations on larger lots.

EXTRA EARLY CAROLINA—This variety matures very early, therefore is especially adapted to northern sections. Its handsome appearance, bright yellow color and great productiveness make it desirable for general cultivation. Choice seed stock packed carefully in boxes or barrels.

YELLOW NANSEMOND, YELLOW JERSEY RED NANSEMOND, RED BERMUDA.

Any of above sorts packed carefully in boxes or barrels. Pk. 50c, bu. $1.50, bbl. $3.50.

We assume no responsibility for rot after leaving our hands.



Potato Eyes by Mail.

HERETOFORE the transportation charges to distant points have very frequently been more than the first cost of the seed potatoes, consequently many people were debarred from trying new and promising sorts. We have a method of shipping potato eyes by mail by which the eyes will remain in good condition for two months. A collection of 160 eyes under favorable circumstances should produce at least twelve bushels. We prepay postage and guarantee safe arrival.

40 Eyes of JUNE EATING Potato.....35c.
40 " " RURAL NEW YORKER NO. 2 Potato...35c.
40 " " CABMAN NO. 1 Potato.....35c.
40 " " WORLD'S FAIR Potato.....35c.

The entire 160 eyes $1.00, postpaid.

For description of above see preceding pages.

PUMPKIN.

Kuerbis, GER. Calabaza, SP. Patiron, FR.

1 oz. to 15 hills.

The seeds are planted with corn or potatoes. A crop may very profitably be raised by itself, however, in which case plant early in May, in hills 6 to 8 feet apart. Keep them away from other vines.

TENNESSEE or SWEET POTATO. Shell pear-shaped, slightly ribbed, creamy white, and sometimes faintly striped with green. Flesh creamy, thick, of unusual fine grain, dry and of superior flavor. Very productive and keeps until late in spring. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 65c.

LARGE CHEESE. Fruit large. Flesh thick, yellow, fine grained and sweet. Hardy, remarkably productive and quite superior for cooking purposes to most of the field sorts. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 65c.

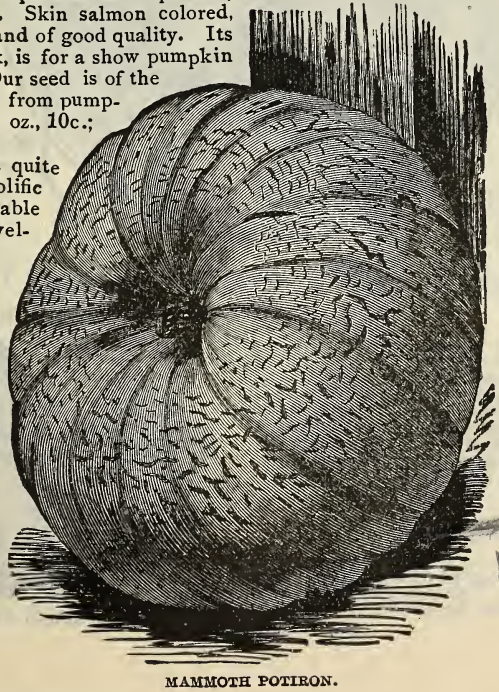
JAPANESE. The flesh is a rich salmon color, very thick, nearly solid, unusually fine-grained, and when cooked or stewed is almost as dry as a sweet potato. It is a very productive variety. The pumpkins ripen early, of medium size, weigh from 15 to 20 lbs. each, and keep well. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 65c.

MAMMOTH or TRUE POTIRON. A mammoth variety attaining a weight of 200 pounds and upwards, three feet or more in diameter. Skin salmon colored, flesh bright yellow, fine-grained and of good quality. Its chief value, next to feeding stock, is for a show pumpkin for your State or County fair. Our seed is of the very best; all of it being taken from pumpkins of great weight. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., $1.00.

SWEET or SUGAR. Fruit quite small and round. A very prolific variety and superior for pies and table use. The skin is a deep orange yellow, an excellent keeper. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

CONNECTICUT FIELD. A very prolific sort. Chiefly grown because of its value for stock feeding. Oz., 5c.; lb., 25c.: 25 lbs., not prepaid, $3.00.

THANKSGIVING. A new Pumpkin of distinct shape, with *very thick flesh* and remarkably small seed cavity. The flesh is orange in color, sweet, fine grained and makes first-class pies. The average size is about the same as the Cheese Pumpkin, but the flesh is twice as thick. Pkt., 10c.



MAMMOTH POTIRON.

SPINACH.

Spinat, GER. Espinaca, SP. Epinard, FR.

1 oz. for 100 feet of drill; 10 to 12 lbs. in drills per acre.

Sow for main crop in September, in rich soil, and protect during the winter with hay or straw. For summer use, start in April, sowing in intervals of 2 to 3 weeks for succession until August. *Write for special Prices on large quantities.*

BLOOMSDALE, or SAVOY LEAVED. Leaves numerous, large, wrinkled, thick, succulent and of superior quality. Very hardy. Oz., 5c.; ¼ lb., 10c.; lb., 25c.

LONG STANDING. Leaves large and thick. Plant slow to seed. A valuable variety for market gardeners. Oz., 5c.; ¼ lb., 10c.; lb., 25c.

THICK LEAVED ROUND. An excellent standard variety for early spring sowing. Oz., 5c.; ¼ lb., 15c.; lb., 25c.; 5 to 12 lbs., 15c. per lb., not prepaid.

PRICKLY SEEDED; WINTER. Hardiest of all and best for fall sowing. Oz., 5c.; ¼ lb., 10c.; lb., 25c.

NEW VICTORIA. Leaves broad, dark green and thick. Remains in prime condition long after all other sorts have gone to seed. Oz., 5c; ¼ lb., 10c; lb., 25c.

SALSIFY,

or Oyster Plant.

Haferwurzel, GER. Salsifis, FR. Salsifi Blanco, SP.

1 oz. for 100 feet of drill.

Cultivated chiefly for its parsnip-shaped roots, which have an oyster-like flavor and prove relishable prepared in various ways, as for soups, salads, etc., or simply boiled and served plain. The young flower stalks of the second year form an excellent dish prepared as asparagus, which they closely resemble in flavor.

Soil and culture should be the same as for Parsnips, taking pains to make sowings as early as practicable each spring.

LONG WHITE SALSIFY. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

MAMMOTH SANDWICH ISLAND. A highly recommended and desirable variety of large size. Pkt., 5c.; oz., 10c; ¼ lb., 30c.; lb., $1.10.

RADISH.

Rettig, Radieschen, GER. Rabans, SP. Radis, FR.

1 oz. to 100 ft. drill; 9 or 10 lbs. per acre in drills.

The growth must be rapid to insure those qualities upon which the Radish depends for excellence, viz.: crispness, succulence and mildness of flavor. A fine, dry, sandy loam, enriched and made light with well-rotted manure and a liberal dressing of salt is best adapted for the purpose, all heavy soils producing directly the opposite results from those desired.

CULTURE.—For early crops, prepare gentle hot-beds in February, covering with loam to a depth of 8 inches for the long-rooted and of 4 inches for the turnip-rooted varieties. Select the early sorts and sow immediately in drills 6 inches apart and ½ inch deep, thinning to 2 inches—watering sparingly—allowing free ventilation to prevent running to leaves, and in severe weather protecting the sashes with matting or carpeting at night. For open air culture of the early varieties, sow early as the ground is workable, in drills one foot apart, thinning to 2 or 3 inches. Use invariably when young and brittle. For succession, sow every 10 to 15 days.

The late winter crop may be planted from middle of July to middle of August; thinning 4 to 6 inches apart, and, in dry weather, watering often and copiously. Harvest before frost and pack in earth in a dry cellar. The roots should be plunged in cold water for an hour or so before using.

EARLY SCARLET TURNIP, WHITE TIP.

EARLY SCARLET TURNIP, WHITE TIP.

(Rosy Gem.) With Chicago gardeners, this is by far the most popular early Radish, or for planting in succession. Tops and roots both small, skin bright scarlet, shaded to white at the tip; flesh white, mild and crisp. An ornamental variety of quick growth, desirable for forcing. Pkt., 3c; oz., 7c; ¼ lb., 15c; 1lb., 50c.

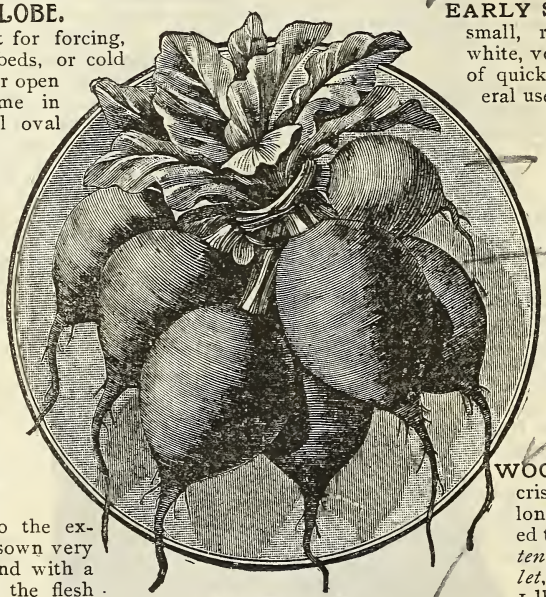
EARLY SCARLET TURNIP, WHITE TIP.

Extra Forcing Strain.

An improved strain of the well-known and popular Scarlet Turnip White Tip Radish, to which it is fully equal in quality, possessing two characteristics which make it better adapted for forcing; these are, *extreme earliness*, being ready for use in two or three weeks after planting; *small tops*, which permit of their being planted more closely together. Desirable for hot-bed and greenhouse planting. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1lb., 75c.

EARLY SCARLET GLOBE.

Of rare and distinct merit for forcing, either in greenhouses, hot-beds, or cold frames, and alike desirable for open air culture. It is handsome in form and color—a beautiful oval and a rich scarlet. In flavor it is mild, crisp, juicy and tender. The merits which make it especially adapted to forcing are that it will bear the requisite heat, without becoming pithy or spongy, and it produces but little foliage compared with the size of the Radish. Pkt., 3c; oz., 7c; ¼ lb., 20c; 1 lb., 60c.


SCARLET GLOBE

NE PLUS ULTRA.

This is one of the finest forcing Radishes introduced, and has already taken a leading place with our market gardeners. It will mature in 18 to 20 days, and owing to the extremely small tops can be sown very thickly. The roots are round with a deep scarlet colored skin, the flesh white, very crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

EARLY SCARLET TURNIP. Roots small, round and red-skinned; flesh white, very tender and of delicate flavor; of quick growth, and desirable for general use. Pkt., 3c; oz., 7c; ¼ lb., 15c; 1 lb., 50c.

EARLY WHITE TURNIP. Same as above except in color. Pkt., 3c; oz., 7c; ¼ lb., 20c; 1 lb., 60c.

IMPROVED LONG SCARLET (Short Top.) Top small; root 6 to 9 inches, straight, smooth, growing half above ground; skin brilliant scarlet; flesh white, crisp. The leading long, standard variety for market and family garden. Pkt., 3c; oz., 7c; ¼ lb., 15c; 1 lb., 50c.

WOOD'S EARLY FRAME. A crisp, mild-flavored variety of the long scarlet type, eminently adapted to forcing or early market. Fully *ten days earlier than the Long Scarlet*. Pkt., 3c; oz., 7c; ¼ lb., 20c; 1 lb., 60c.

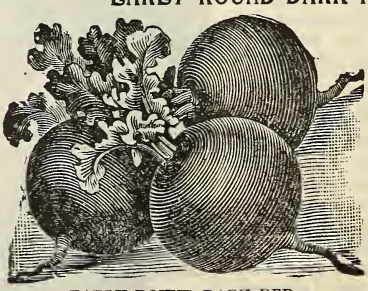
BRIGHTEST LONG SCARLET,

Also called Cardinal. A valuable new Radish at once noticeable for its strikingly beautiful appearance. In shape it is very regular, smooth, and similar to the Long Scarlet, but shorter; the skin is of a fiery scarlet, the brightest color of any Radish, the tail slightly tipped with white. It is extraordinarily early, maturing in 20 to 25 days, the flesh crisp and tender Excellent for home gardening and particularly desirable for the market, as it sells quickly because of its fine color and form. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

EARLIEST CARMINE OLIVE.

A new, distinct and beautiful variety of great forcing value. The roots are crisp and tender, much larger than those of the turnip sorts, while the tops are far smaller. A most valuable variety for the enterprising market gardener. Pkt. 3c; oz., 7c; ¼ lb., 20c; 1 lb., 65c.

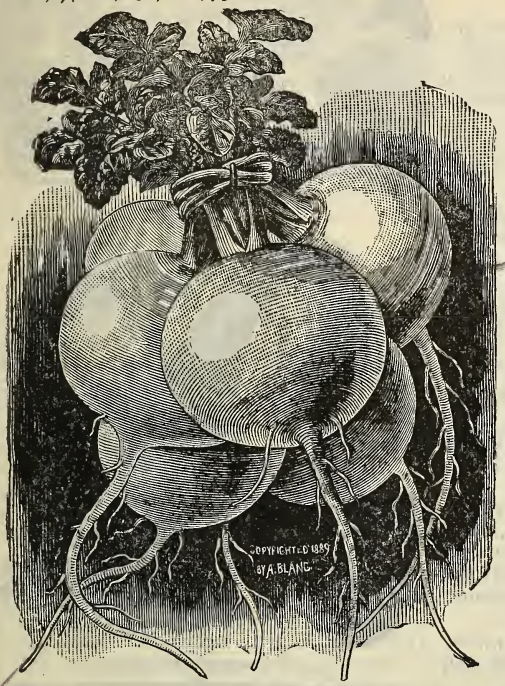
EARLY ROUND DARK RED.


EARLY ROUND DARK RED.

The shape is the same as the Early Scarlet Turnip. It differs in color, being an exquisite rich, deep shade that is at once rare and strikingly handsome, and makes very much smaller tops. On this account it is now very largely used for forcing in both frame and greenhouses. Pkt., 3c; oz., 7c; ¼ lb., 15c; 1lb., 50c.

RADISH.—Continued.

PHILADELPHIA WHITE "BOX." Its points of superiority are remarkably short top, rapid growth, perfect turnip shape, extra fine quality, and showing no disposition whatever to become pithy with age; but, on the contrary, remains solid and juicy long after fully grown. Its short top and rapid growth especially fits it for growing under glass, in frames or boxes (hence its name) as well as early sowing on squares or borders in the open ground. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



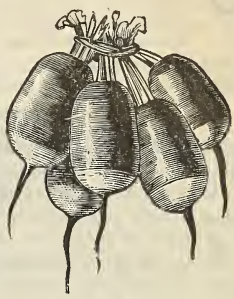
PHILADELPHIA WHITE BOX.

IMPROVED CHARTIER (White Tip.) A long and unusually large variety; distinct and desirable. The upper portion of the radish is bright crimson, pink at the center, the tip a pure waxy white. In quality and flavor it is tender, sweet and mild. It is quite free from "pithiness," even when well advanced in the season. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 60c.

GOLDEN GLOBE. Root a perfect globe in form and enclosed in a beautiful golden-colored skin; flesh tender and of excellent quality. Of rapid growth, producing highly ornamental specimens, crisp and finely flavored even in the hottest latitude, hence a great favorite in the South. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

YELLOW SUMMER TURNIP. A large variety, but of rapid growth, quite remarkable for its heat-resisting characteristics. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

FRENCH BREAKFAST. Skin scarlet on the body and white at the extremity; flesh white, tender and mild. Of rapid growth, and desirable for any use. Pkt., 3c; oz., 7c; ¼ lb, 15c; lb., 50c.



FRENCH BREAKFAST.

LONG WHITE VIENNA. (Lady Finger.) This is undoubtedly the most perfect long white radish in cultivation. It is of very rapid growth, and its fine, white flesh is remarkably crisp, brittle and tender. In shape it is most attractive and handsome. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

LONG WHITE NAPLES. Skin and flesh pure white fine grain, tender and finely flavored. Good for summer and fall use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

GIANT WHITE STUTTGART. Root very large, heart-shaped, and of vigorous, quick growth; maturing in five weeks; skin and flesh white, the latter constantly brittle and mild, flavored at all stages of development. Remarkably slow in running to seed, even in severest heat. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

ROSE, OLIVE SHAPED. Skin rose-colored; flesh rose-tinted, tender and of excellent flavor. Very early Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

WHITE, OLIVE SHAPED. Similar to above, except in color, as the name indicates. Pkt., 5c; oz., 10c ¼ lb., 25c; lb., 75c.

WHITE STRASBURG. An excellent summer variety, being tender, crisp and a fine grower, and remains in a tender condition longer than any other summer sort. It is of handsome, half long, tapering shape both skin and flesh are pure white. Pkt., 3c; oz., 7c. ¼ lb., 20c; lb., 60c.

LATE OR AUTUMN AND WINTER SORTS.

CHINESE ROSE. Form large and conical. Flesh firm, tender and of fine piquant flavor. A fine winter and also early spring variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

CHINESE WHITE. Of fine grain and good flavor. Similar to above, except in color. Pkt., 5c; oz., 10c. ¼ lb., 25c; lb., 75c.

LONG BLACK SPANISH. Black skin. Flesh white, firm and of excellent flavor. One of the hardiest and finest either for winter or summer use. Pkt., 3c; oz., 7c; ¼ lb 20c; lb., 60c.

ROUND BLACK SPANISH. Similar to above except in form. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c.

RHUBARB or PIE PLANT.

Rhabarber, GER. Rhubarbe, FR.

A hardy perennial, cultivated for its acid leaf stalks, which are used for pies, tarts, sauces, canning, etc.

Sow the seed in April, in drills 1 foot apart and 1 inch deep, thinning to 8 inches. The following fall or spring transplant to trenches 2½ feet deep, 3 feet apart, and 3 to 5 feet apart in the trench, according to the variety. Propagation by division of the roots may be made either in spring or fall, placing the sets at the same distance apart as that recommended for the seedlings. Cultivate thoroughly thereafter, breaking down the flower stalks to prevent their flourishing at the expense of the leaf stalks. Cover with manure each fall to be spaded in the following spring. A few of the finest leaf stalks may be used not too early in the second season; but from the third year, with good care, gatherings may be made with entire freedom for 10 to 15 years. In removing, be careful to pull off close to the roots instead of cutting, as the sap flows more freely from a square cut.

VICTORIA. Leaf stalks very tall and large, frequently weighing 2 pounds each. Skin thick and red-stained. Pulp quite acid. Very productive and profitable for market gardeners. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.50.

LINNÆUS. The earliest variety grown, and quite desirable for small market or family garden. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $. 50.

RHUBARB ROOTS.

VICTORIA. Of good size, 15c each, not prepaid per dozen, $1.50; by mail, 40c each.

SELECTED SQUASH.

Speise-Kuerbis, GER. Calabaza, SP. Cowege, FR.

1 oz. for 50 hills; 4 to 6 lbs. per acre in drills.

PLANT when all danger from frost is past, and get in the winter varieties as soon as possible in order that they may mature. Plant in hills 4 feet apart for the bush varieties and 6 or 8 feet apart for running sorts. Put 6 or 8 seeds in a hill, thinning when all danger from insects is past to 3 or 4 plants in a hill.

Summer Squashes.

WHITE BUSH SCALLOP. Ripens very early, skin white and tender and bears abundantly. Pkt., 3c.; oz., 7c.; ¼ lb., 20c; lb., 60c.

YELLOW BUSH SCALLOP. Similar to preceding except in color. Both are of excellent quality and well adapted for shipping a long distance to market. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 60c.

GOLDEN SUMMER CROOKNECK. The richest of the summer sorts. Early and productive. Bright yellow with warted skin. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 60c.

GIANT SUMMER CROOKNECK. Not only earlier than the common variety, but grows twice the size, and is a great seller therefore desirable for market gardeners. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

PERFECT GEM. Wonderfully prolific; fruit round; flesh cream colored, dry sweet and rich. Good for either summer or winter use. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 70c.

WHITE BUSH SCALLOP.

GIANT SUMMER CROOKNECK.

Fall and Winter Squashes.

CHICAGO ORANGE MARROW. The earliest by ten days of the winter squashes. It is creamy orange in color; fine form, handsome appearance, and keeps a long time. In great demand by Chicago pie bakers who prefer it to all others. Pkt., 5c.; oz., 10c. ¼ lb., 25c.; lb., 85c.

SIBLEY. Shell very hard and flinty but so thin there is very little waste in paring. An excellent shipper. Flesh solid and thick, vivid brilliant orange in color, dry and having a rich flavor peculiarly its own. Very productive and ripens its fruit so evenly that nearly the whole crop can be gathered at one picking. It keeps perfectly sound until the last of June. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 75c.

ESSEX HYBRID. A medium late sort, a good one to follow peas or potatoes. Flesh orange, solid and thick, fine grained and rich flavor. A quick grower. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 75c.

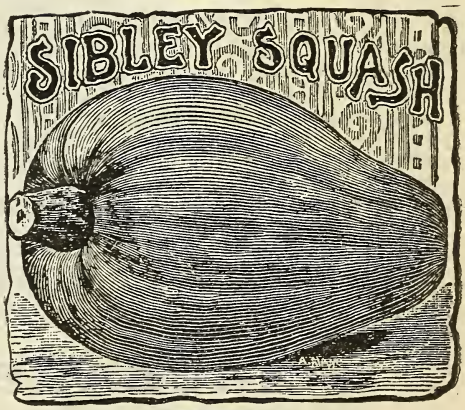
BOSTON MARROW. A splendid pie and table squash. Flesh salmon colored, dry, fine grained and sweet. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 60c.

MARBLEHEAD. It resembles the Hubbard, has a harder shell. Flesh light yellow, dry and delicious. A variety that is much esteemed. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

BAY STATE. Shell, bluish-green, hard and flinty. Keeps a long time. Flesh golden yellow. Pkt., 3c.; oz., 7c.; ¼ lb., 20c.; lb., 60c.

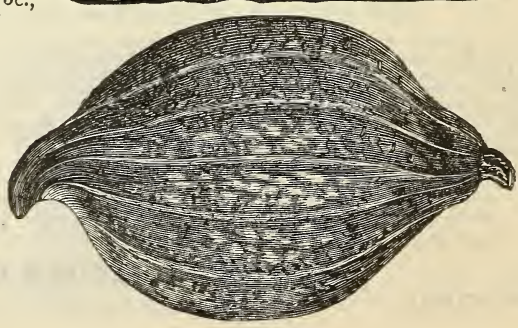
MAMMOTH CHILI. The largest of all squashes. We have evidence of one of this variety attaining the enormous weight of 292 lbs. Flesh very thick, yellow and nutritious. Specially recommended for exhibition purposes and feeding to stock. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

WINTER CROOKNECK. Vines very long, hardy, vigorous, productive, and sure to mature their crops nicely. Flesh salmon-colored and unusually solid, sweet and of good flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.



HUBBARD. Regarded as the standard winter squash. Very hard shell; excellent keeper, the best for table use. Flesh dark yellow, fine grained, dry and sweet. Our seed is most carefully selected and will give satisfaction. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

WARTED HUBBARD. In color it is blackish-green; the shell is very hard and covered with warty knobs which is a marked characteristic. Flavor and long-keeping qualities are said to be better than the old. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.



HUBBARD.

TOMATO:

Liebesapfel, GER. Tomates, Sp. Tomate, FR.

1 oz. to 1500 plants; ¼ lb. to transplant per acre.

It thrives best in light, warm soil, not too highly enriched, and depends for highest excellence upon vigorous, unchecked growth in the early stages. CULTURE.—For early crops sow in hotbed, greenhouse, or inside the window or sitting room, where the temperature does not fall below 65 degrees, in February or March; transplanting—to secure stockiness—when three inches high, to pots, cold frames, or other parts of the bed, and about 5 inches apart. After all danger of frost is over, transplant finally to open ground, 4 to 6 feet apart, according to variety used. Earliness may be promoted by pruning off excessive growth.

ATLANTIC PRIZE.

We do not hesitate to pronounce it the largest smoothest, best flavored and brighest colored earliest Tomato. Vine medium size, with few leaves, very hardy bearing the fruit low down on the stem and in enormous clusters, *which ripen altogether.* Those whose trade demands that they have a large, smooth, good flavored, *very early fruit,* will find this variety to be just what they want. The seed we offer is carefully selected. Pkt. 5c. oz. 20c., ¼ lb. 60c., lb. $2.25.

FORDHOOK FIRST.

A perfectly smooth solid Tomato, of handsome appearance and extremely early, ripening evenly about the stem, with tough skin, of medium size, quality very fine and of a color between the crimson Acme and the orange red of Ignotum. We consider this for smoothness and other good qualities the leader in early Tomatoes. No one finds any fault with it but everybody commends it for its beautiful fruit, uniform size and superior quality. It has almost no core and ripens with or very close to Atlantic Prize. Pkt. 10c., oz. 30c. ¼ lb. 90c., lb. $3.50.

BUCKEYE STATE.

Fully one half larger than the well known Beauty. Color much the same as that sort, perhaps a little darker, solid, meaty, heavy and of first quality. Many "mammouth" sorts have been introduced of late. but on first trial they are discarded on account of the rough or uneven surface. The Buckeye State is the smoothest large Tomato, producing its fruit in great clusters and is extremely productive. In shape it is a little thicker from blossom end to stem than most other varieties. Commands the highest price in market and is justly entitled to front rank. Pkt. 10c., oz. 20c. ¼ lb., 60c. lb. $2.25.

ACME, Improved Strain.—Ripens early; of medium uniform size,, purplish pink, round smooth and without cracks. Pkt. 5c., oz. 20c., ¼ lb. 55c., lb. $2.00.

DWARF CHAMPION.—Fruit in form and color like Acme, of strong, upright habit; one of the best for home use. Pkt. 5c., oz. 20c., ¼ lb. 55c., lb. $2.00

GOLDEN QUEEN.—Rich deep yellow. It has very little acid and the quality is excellent. Pkt. 5c., oz. 20c., ¼ lb. 65c., lb. $2.50.

ROYAL RED.—A first-class main crop variety for the shipper, market gardener or the home garden and especially valuable to canners and catsup makers. Color very vivid red. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.25.

LIVINGSTON'S BEAUTY.—Medium early. Glossy crimson tinged with purple. Entirely free from rough specimens and seldom cracks. Pkt. 5c., oz. 20c., ¼ lb. 55c., lb. $2.00.

PARAGON.—A fine early variety and heavy bearer, fruit round as an apple, rich crimson, solid and smooth. Pkt. 5c., oz. 20c., ¼ lb. 55c., lb. $2.00.

PERFECTION.—Early, large, bright red, splendid for canning. Pkt. 5c., oz. 20c., ¼ lb. 55c., lb. $2.00.

THE STONE.

Very large, and of bright scarlet color, very smooth, with occasionally a specimen very slightly octagon-shaped; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper, quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive; a heavy variety; its vines and foliage rank and robust, heavily loaded with very uniform specimens of fruit. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.25.

PONDEROSA.

Possesses very good quality to be found in a tomato. The vines are strong and vigorous and easily carry their enormous weight of fruit. Its massive or ponderous fruits are almost perfect in form, and so free from, ridges or corrugations as to seem nearly as smooth as glass and when we come to size, weight and solidity, no other Tomato begins to approach it. The skin is exceedingly firm, which will cause it to be largely grown for shipping purposes. Solid, almost seedless; *enormous bearer* fruits somewhat rough, excellent for stewing. Its flavor is excellent whether used raw or cooked. Pkt. 5c., oz. 25c. ¼ lb. 70c. lb. $2.75.

TREE TOMATO.—So called from growing in tree like form and bearing large, plump red fruit that is extremely solid, hard and of excellent quality. Pkt. 5c., oz., 25c., ¼ lb. 75c., lb. $3.00.

YELLOW PLUM OR PEAR.—For pickling and preserves. Fruit uniformly oval, lemon colored and smooth skined. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. $3.00.

RED CURRANT.—Has a fine distinct flavor and quality that makes it superb. Pkt. 5c., oz. 25c., ¼ lb. 80c.

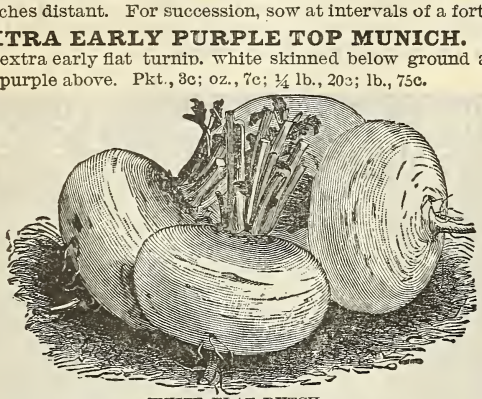
TURNIP.

Weiße Rueben, GER. Nabo, SP. Navet, FR.

1 oz. for 150 ft. of drill; 1 to 2 lbs. in drills per acre.

The best soil is a *new*, light, rich loam, entirely free from fresh manure. Sowing for summer use should be made very early in the spring; for fall or main crop from middle of July to middle of August. The small varieties may be sown broadcast if the ground be free from weeds. In the case of the large sorts, however, greater yields and better results in every way will be derived from drill sowing. Make drills 14 inches apart, ½ inch deep, and when of sufficient size thin the roots to 5 or 6 inches distant. For succession, sow at intervals of a fortnight. Sow if possible just before a rain.

EXTRA EARLY PURPLE TOP MUNICH. An extra early flat turnip, white skinned below ground and purple above. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 75c.



WHITE FLAT DUTCH.

EARLY WHITE FLAT DUTCH. Bulb of medium size and flat. Skin pure white. One of the surest croppers of the early garden sorts. Pkt. 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

EXTRA EARLY PURPLE TOP MILAN.

WHITE SIX WEEKS OR SNOWBALL. Bulb of medium size and spherical. Skin white and smooth. Immature flesh, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

EXTRA EARLY PURPLE TOP MILAN. A splendid new Strap-leaved variety that is ready for use fully two weeks earlier than the Purple Top Strap-leaved, and one week ahead of the Purple Top Munich. The bulb is of medium size, quite flat, smooth and has a bright fresh purple top. The flesh is pure white, solid, fine-grained and of the choicest quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

PRIZE PURPLE TOP STRAP LEAF. Tops small, bulb mostly above ground, of medium size and flat. Skin white below the surface and clear bright purple above. Flesh white, sugary and remarkably well flavored. Very early, hardy and prolific. The leading standard, purely American variety. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

WHITE EGG. Tops small and rough-leaved. Bulb oblong and produced mostly out of ground. Skin pure white and perfectly smooth. Flesh firm, very sweet and mild. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb. 50c.

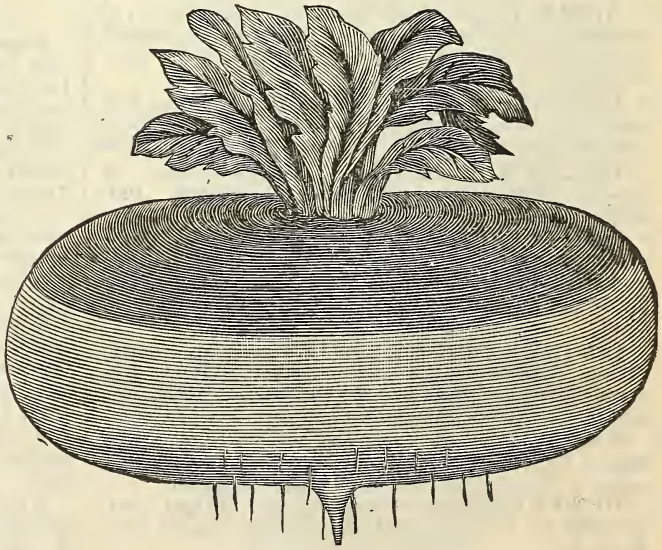
PURPLE TOP WHITE GLOBE. The name of this most excellent variety affords for it a very accurate description. It is an early and a heavy cropper as well as a good keeper. The bulb is a very handsome globe, and is especially in demand among market gardeners. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

WHITE STRAP LEAF. A sub variety of the Purple Top Strap Leaf, from which it differs mainly in the coloring of the skin. Early, productive, of excellent quality and recommended either for field or garden culture. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

POMERANIAN WHITE GLOBE. A large and most perfect globe in shape; skin white and smooth. Of strong growth and one of the most productive varieties. Valuable for both table and stock. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

EARLY YELLOW MONTMAGNY.

EARLY YELLOW MONTMAGNY. This is by far the handsomest of the yellow fleshed varieties; being a fine golden, purple-topped, oval bulb of medium size. The flesh also is golden-hued, sweet, tender and fine grained. It is a favorite early variety that is becoming more popular with each succeeding year. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



PRIZE PURPLE TOP STRAP LEAF.

TURNIP.—Continued.

WHITE FLAT NORFOLK. Bulb round, flat. Flesh white, sweet and excellent for stock feeding. A late variety, often attaining extraordinary size. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

LONG RED TANKARD. Root large, tapering, and produced half above ground. Skin white below, purple above. Flesh white, firm, sweet and of good flavor. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

PURPLE TOP YELLOW ABERDEEN. Root round and tapering. Flesh pale yellow, tender, sugary and of superior flavor. A hardy and productive standard variety. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45.

YELLOW STONE. Flesh yellow, very sweet and delicate; but growing more above ground, Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

WHITE SWEET RUSSIAN.

RUTA BAGA.

Kohlrabi, Ger, Col Nabo, Sp. Chou Navet, Fr.

The Swedes are really preferable for stock feeding, on account of their superior nutritive as well as better keeping qualities. Some of the finest are desirable and popular for table use, also. The ground should be dry and thoroughly enriched. The sowing at the North may be made from the middle of June to the middle of July; at the South in the fall. Space the drills 20 inches apart, and thin 10 to 12 inches distant. For preservation the roots may be packed in barrels in the cellar and covered with sand or turf, or placed in dry pits, underneath a thick coating of dry straw the whole earthed over to a depth of some 10 inches.

AMERICAN PURPLE TOP. Tops very small. Bulbs large, having few if any roots. Skin deep purple above, bright yellow underneath. Flesh golden yellow, of fine texture, sweet and of richest flavor. Very hardy, unusually productive, and a good keeper, the principal variety being desirable for table use or stock feeding. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

SKIRVING'S PURPLE TOP. Flesh yellow, solid and sweet. A good keeper. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

LAING'S IMPROVED PURPLE TOP. Leaves cabbage-like and large. Bulb nearly round. Skin smooth, yellow below and purple above. Flesh yellow, solid and of fine flavor. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

WHITE SWEET RUSSIAN. Bulb enormous. Flesh white, solid and rich in sugar. The best keeper of all the Swedes, and deservedly popular for both table and stock. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

TOBACCO.

Cabaci, Ger. Tabaco, Sp. Tabac, Fr.

Rich, sandy loam produces the best quality of leaf; heavy, new soils and green manures producing coarse leaf, which burns badly. Wood ashes and commercial potash fertilizers are the best for tobacco. The seed bed must be very light; it is well to burn a brush heap upon it some months before seeding.

PRIMUS. The very earliest variety grown and one that succeeds well in Canada and the far North, where few kinds will ripen. Entirely new, choice, very productive. Leaves large, fibers fine, and texture silky. Pkt., 5c; oz., 20; ¼ lb., 60c.

CONNECTICUT SEED LEAF. Perhaps the variety best adapted to the climate of the Middle and Northern States, being comparatively hardy. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.00

IMPORTED HAVANA. Best of all for the manufacture of cigars, but inclined to deteriorate; hence the necessity of renewing the seed each year. Ours is a superior strain of Cuban grown stocks. Pkt., 5c; oz., 20c; ¼ lb., 60c.

VEGETABLE PLANTS.

BY EXPRESS, NOT PREPAID.

SPECIAL NOTICE! *If wanted by mail, add 25c. per 100 for Cabbage and Cauliflower; 10c. per doz. for Egg and Pepper plants; 80c. per doz. for Rhubarb roots; 10c. per doz. fer Tomatoes.*

		Doz.	50.	100.	1,000.
CABBAGE.	Early varieties, once transplanted. Ready April 1st		$0.40	$0.75	$4.50
CABBAGE.	Late varieties. Ready June 1st		.20	.30	1.75
CAULIFLOWER.	Early varieties, once transplanted. Ready April 1st		.75	1.25	7.50
CAULIFLOWER.	Late varieties. Ready June 20th		.30	.50	4.00
CELERY.	Sheared back several times during growth. Ready July 1st		.30	.50	3.00
SWEET POTATO.	Ready June 10th		.25	.35	2.50
TOMATO.	Twice transplanted	$0.20	.60	1.00	7.50
EGG PLANT.	Twice transplanted. Ready May 15th	.25	.80	1.50	
PEPPER.	Twice transplanted. Ready May 15th	.20	.60	1.00	
CHIVES.	Strong clumps	Each 10c. 1.00			
ASPARAGUS ROOTS.	2-year old, strong roots	.20	.60	1.00	6.00
RHUBARB ROOTS.	Strong clumps	Each 15c. 1.25			
HORSE RADISH SETS.	Slant cut ends	.20	.50	.75	6.00

FARM SEEDS

PRICES ON FARM SEEDS SUBJECT TO MARKET CHANGES. PRICES BY THE POUND DO NOT INCLUDE POSTAGE, UNLESS SPECIALLY STATED.

MANSHURY BARLEY.

Barley.

MANSHURY. The very best six-rowed barley grown. Heads long, heavy drooping and well filled, containing 75 to 90 grains each. Straw bright, very strong; does not lodge on the richest land. It is early in ripening and always plump, yields from 50 to 70 bu. per acre. Of this variety the Agricultural Station, at Madison, Wisconsin, reports: "Manshury won an easy victory over all competitors and the reports received from farmers, who have grown it for several years, fully sustain us in our opinion that it is the most desirable of all varieties for general crop." Considered superior for malting. Long heads; distinguished from common sorts by a slightly reddish tint to the beard. Pkt., 5c; lb., 20c, prepaid; bu., $1.10; 5 bu., lots $1.00 per bu., bags included.

NEPAUL OR HULLESS. A hulless and beardless variety, grain much resembles wheat but is double the size; a two rowed variety. Stalks shorter than the ordinary, while heads are longer; distinguished for its sure cropping and enormous yielding properties. Claimed to be superior to oats, corn or other barley for feeding purposes. Pkt., 5c; lb.. 25c, postpaid· pk., 50c. bu., $1.50, bags included.

Wheat.

VELVET CHAFF BLUE STEM (Spring). A distinct variety, having white, velvet like chaff; heads beardless. The stem, just below the head, when green, is a beautiful blue bloom, which disappears as the wheat ripens, both wheat and straw assuming a bright golden tint. The kernel is of the hard variety, similar to the Scotch Fife, but is far more productive and one of the best Spring wheats for milling; entirely free from rust. Pkt., 5c; lb., 20c, postpaid; pk., 50; bu., $1.50.

SASKATCHEWAN FIFE, (Spring) has all the general characteristics of Scotch Fife, from which it is descended by careful selections. It excels in earliness, hardiness, productiveness, and freedom from smut and all diseases. It is highly endorsed by leading wheat growers. Pkt., 5c; lb., 20c, postpaid; pk., 50c; bu., $1.50.

HYBRID MEDITERRANEAN WHEAT (Winter). A well-known Winter Wheat. It produces large square heads, with four rows of grain, having short beards. The straw is stiff, of medium length, bronze at maturity. This grain is of a handsome amber red color, hard and flinty, making excellent flour. We recommend it as one of the surest and best for ordinary farms and conditions. Pkt., 5c; lb., 20c, postpaid; pk., 50; bu., $1.50.

VELVET CHAFF.

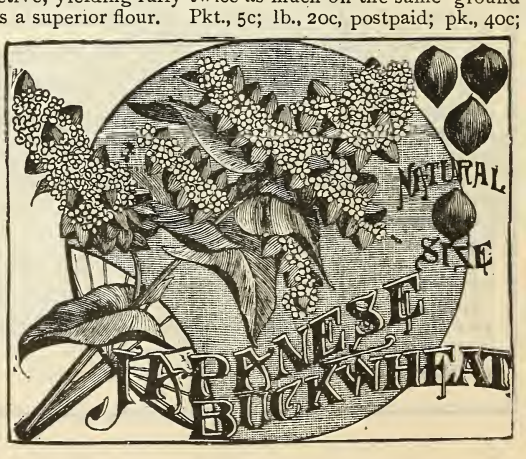
Buckwheat.

Buckwheat should be sown about the 20th of June, broadcast, at the rate of from one to three pecks per acre. The average yield is from 25 to 30 bushels per acre. It should be threshed as soon as dry, for if allowed to stand in mass it quickly gathers moisture.

NEW JAPANESE. This new Buckwheat is rapidly displacing all others and we would advise all growers to give this valuable variety a trial. It ripens early, fully a week sooner than Silverhull, for this reason can be grown farther North than any other variety. The kernels are at least twice the size of other buckwheat and of a shape peculiar and distinct. In color a rich dark shade of brown. The straw is heavier, it branches more and does not need to be sown so thickly as other kinds. It is enormously productive, yielding fully twice as much on the same ground as any other Buckwheat. It manufactures a superior flour. Pkt., 5c; lb., 20c, postpaid; pk., 40c; bu., $1.25, bags included.

SILVERHULL. A decided improvement on the old black or gray sort. Sown at the same time as common Buckwheat this variety continues in bloom longer and yields nearly double. The flour is whiter and more nutritious. The grain is of a beautiful light silver gray color; husk is thinner, resulting in a saving in the process of manufacturing into flour. Pkt., 5c; lb., 20c, postpaid; pk., 40c; bu., $1.25, bags included.

COMMON BUCKWHEAT, *Selected.* Pkt., 5c; lb., 20c., postpaid; By freight or Express; pk., 30c; bu., $1.00.



For Seeds of root crops for stock, such as Mangel Wurzel, Beet, Turnip, Ruta Baga, Carrots, Peas and Beans for field sowing, etc., see Vegetable Seed List.

SUGAR CANE, FODDER PLANTS, ETC.

KAFFIR CORN.

EARLY AMBER. This is now much grown as a FODDER CROP and found very profitable as such as well as for syrup and sugar making. The name Early Amber is given it because of its earliness and the pure amber color of the syrup obtained from it. When planted between the 1st and 10th of May, the seed almost invariably ripens, yielding 20 to 25 bushels of seed and 140 to 175 gallons of syrup to the acre. It is by far the best variety for sugar and unlike most of the sorghums it is remarkably successful in the extreme North latitudes. Pkt., 5c; lb., 15c, postpaid; 100 lbs., $4.00, not prepaid, bags included.

KANSAS ORANGE. Habits in all respects similar to the preceding, being constituted to endure Southern summer heat; it ranks South of Illinois as the Early Amber does at the North. It yields more sap and makes more syrup than any other kind. Pkt., 5c; lb., 15c, postpaid; 100 lbs., $4.00, not prepaid, bags included.

WHITE MILLO MAIZE. Valuable for a forage plant and for its grain, having great capacity to withstand drought. Can be cut at any stage or when heading for fodder. It bears grain in erect full heads and is almost equal to corn for feed for all kinds of stock; also makes excellent meal. 3 to 5 lbs., per acre. Pkt., 5c; lb., 20c, postpaid. By express or freight 100 lbs., $4.00, bags included.

NON-SACCHARINE SORGHUMS

THE JERUSALEM CORN; A New Forage Plant.

Belongs to the non-saccharine sorghums. It grows about three feet high, makes one large head on main stalk and several smaller heads on side shoots, often as many as eight heads on one stock. The grains are pure white and nearly flat, three pounds of seed being sufficient to plant an acre. Claimed to be one of the best and surest grain crops for dry countries and seasons. Large pkt., 5c; lb., 25c, postpaid; by express or freight 100 lbs., $4.00, bags included.

KAFFIR CORN.

Among the most valuable of forage plants. The stalks keep green and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder either green or dry, and is highly relished by cattle. On either thin or worn lands it yields paying crops even in dry seasons in which common Indian Corn has utterly failed on the same lands. Pkt., 5c; lb., 25c; 3 lbs., 60c, postpaid; express or freight 10 lbs., 50c; 100 lbs., $2.50. not prepaid, bags included.

BROWN DOUHRA.

Somewhat similar to Jerusalem Corn. This variety is highly valued because of its certainty to produce heavy crops on poor, dry soil. It withstands dry weather better than Kaffir Corn and Millo Maize. The corn is superior food for fowls, and is as good as wheat or barley for horses. As forage the stalks are eaten greedily by cows or sheep. Three to five pounds will plant an acre. Pkt., 5c; lb., 15c, not prepaid; 100 lbs., $4.00, bags included.

DWARF ESSEX RAPE.

The DWARF ESSEX RAPE is a plant that can be easily grown in nearly all portions of the United States; it thrives in any soil that will produce an abundant crop of Turnips or Corn. Muck swamps particularly, when drained, are capable of producing enormous crops. The seed may be sown in drills, one to two pounds to the acre, or broadcast three to five pounds to the acre. The best results are obtained when sown during the last half of June or the first half of July. The plant is valuable in that it will furnish abundant supplies of succulent, rich and nutritious pasture at the season of the year when it is most needed. It also possesses great merit for green manure, for which purpose there is no better plant adapted where a quick rank growth is desired. Stock raisers will find this economical for putting young cattle, sheep or lambs into proper condition to be sold advantageously in the fall. We have the true Dwarf Essex Rape, which is the right variety to use. Pkt., 5c; oz., 10c; lb., 25c, postpaid. By express or frieght, not prepaid, lb., 15c; 10 lbs., $1.25; 25 lbs., $2.50; 100 lbs., $7,50, bags included.

Rape will keep a long time in early winter in heaps like shocks of hay. When cut and thus put up at the approach of winter it may be drawn and fed as desired.

For further information regarding the Rape Plant, send to the United States Department of Agriculture, Washington, D. C., for a free copy of the Farmer's Bulletin on the Rape Plant.

DWARF ESSEX RAPE.

VETCHES OR TARES.

This valuable plant for forage can be sown in Spring or Fall. It can be cheaply raised, fed green, cured or ensilaged, Where land is not adapted to hay or is expensive, or pasturage is poor or costly it would pay to grow Vetches as a forage crop. Sow broadcast like wheat or barley. Pkt., 5c; lb., 25c, postpaid; pk., 75c; bu., $2.75, not prepaid, bags included.

RYE.

SPRING. This variety has been developed simply by planting Winter Rye, in the Spring and selecting the seed so procured for several years. The standard variety for spring planting. Pkt., 5c; lb., 20c, postpaid; pk., 30c; bu., $1.00.

WHITE WINTER. Much prized for its straw, also for plowing under as a green manure. The ordinary fall sown variety of which we offer selected stock only. Pkt., 5c.; lb., 20c., postpaid; pk., 30c.; bu., $1.00.

Choice Seed Field Corn.

FREIGHT CHARGES PAID BY THE PURCHASER. PRICES INCLUDE SACKS.

Add 15c. per quart if sent by mail. Special quotations on large quantities.

THE varieties of Field corn we offer below are the very best now in general use. Our stock was grown expressly for seed purposes, was well matured and cured with great care. We test all for vitality before sending out.

To avoid delay when ordering **late** in the season it is well to make a **second choice,** or state if we may select a variety adapted to locality or refund the money should we be sold out of your first choice when order arrives.

PRIDE OF COLUMBIA.

In the Pride of Columbia we have a corn that *matures extremely early* and is *exceedingly prolific*, with *very small red cob.* Grain of a bright yellow color; ears averaging 10 inches in length; uniform in shape; small, tapering, deep kernel, dented somewhat rough; 16-rowed, compactly placed on cob. Seventy pounds of ears have on several tests shelled sixty-two and sixty-three pounds of corn. Makes a much more luxuriant growth of fodder than Pride of the North. This makes it more valuable as a drought resister and more desirable for ensilage. It outyields Pride of the North 10 to 20 bu. per acre. A valuable corn for hog raisers because of its early earing habit. Pkt., 10c; qt., 15c; pk., 40c; bu., $1.25.

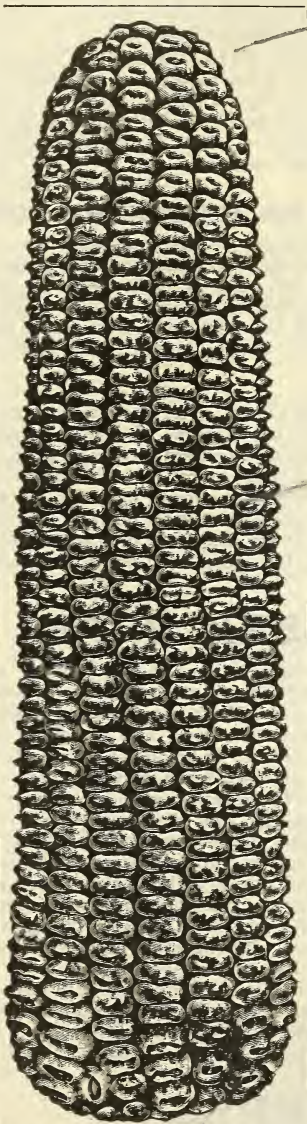
LEAMING. An early Yellow Dent ripening in 100 to 110 days. Ears large and handsome, deep, large grain and small red cob. Stalks medium size, generally producing two good ears each. Husks and shells very easily. Pkt., 10c; qt. 15c; pk., 35; bu., $1.00.

IMPROVED KING PHILLIP.

Very early. Ears 10 to 12 inches. Kernels copper-colored; smooth and flinty. Pkt., 10c; qt., 10c; pk., 50c; bu., $1.50.

WHITE DIAMOND DENT.

This corn will mature in 90 days of average corn weather, a strong, vigorous, luxuriant plant. Very prolific; ears medium; cob very small and always white; seventy pounds of ears shelling 63 lbs. of grain. Our crop the past season made 88 bushels of 70 lbs. per bushel on an entire yield of 25 acres. We recommend this magnificent variety. It cannot fail to give satisfaction. Early, prolific, pure, heavy, enormously productive, and is by far the best early white corn on the market. Pkt., 10c; qt., 15c; pk., 35c; bu., $1.00.



PRIDE OF COLUMBIA

PRIDE OF THE NORTH.

This is undoubtedly the best known of the early Yellow Dents. Ears 8 to 10 inches in length and 1¼ inches in diameter. Kernels closely set, above medium size, long, narrow, thin, of deep orange color, shading to pale yellow at the tip. Cob very small and red. In a test, 70 pounds of ears, not selected and but imperfectly dried, produced 60¾ pounds of shelled corn and only 9¼ pounds of cobs, instead of 14 pounds, the usual proportion. Stalks about medium height, 6 to 8 feet. Pkt., 10c; qt., 15c; pk., 35c; bu., $1.00.

WAUSHAKUM. A yellow 8-rowed Flint. Stalks vigorous and excellent for fodder. Cob white and 8 to 10 inches in length. An exceedingly heavy and productive variety. Pkt., 10c; qt., 15c; pk., 50c; bu., $1.50.

IOWA GOLD MINE.

Early, ripening only a few days later than the Pride of the North; ears are of good size and symmetrical; color bright golden yellow; grain very deep; cob small; and therefore dries out very quickly as soon as ripe. *Seventy pounds of ear corn makes sixty to sixty-four pounds of shelled corn*, and in hauling to market it weighs out five bushels more to the wagon load than common varieties in the same size wagon. We have shelled selected ears of this variety which produced *sixty-four pounds of shelled corn and only six pounds of cobs to the bushel.* Pkt. 10c; qt. 15; pk., 35; bu., $1.00.

IOWA SILVER MINE. White Dent. It is the heaviest yielder we know—*215 bushels produced on one acre.* Matures in *90 days.* Ears 10 to 12 inches long, 16 to 20 rowed, uniform in size, with small cob. A great drought resister; and, summing up, *the best corn ever introduced.* Pkt., 10c.; qt., 15c.; pk., 40c.; bu., $1.25.

NEW ZEALAND OATS, TWO THIRDS NATURAL SIZE.

...The... Best Dent Corn For Dry Sections.

White Cap Yellow Dent Corn.

A much better corn than Leaming, grows larger ears, is a better sheller, from a week to ten days earlier, and on poor, thin soil will outyield the Leaming at least 30 per cent. The tip ends of the grains are *white*, the inside *yellow*. It is suitable for all climates and soils, and is a perfect field corn as to yield, size of ears, color, size of cob and growth of fodder. No corn will stand dry weather as well. Grown in a celebrated corn growing section, where sixty other varieties were planted, it *outyielded them all*, and withstood drought much better. None of it was fired and no dead tassels could be seen, while every other variety was hurt by the severe drought and hot burning sun. Pkt., 10c.; pint, 20c.; qt., 35c., prepaid. Pk., 35c.; bu., $1.00, not prepaid.

One Fourth Natural Size.

ENSILAGE AND FODDER CORN.

If planted in drills, which should be about three and a half feet apart, 12 to 16 quarts per acre are required. If sown broadcast, two to two and one half bushels are required to the acre.

These prices include bags and delivery to depot.

RED COB ENSILAGE. One of the heaviest cropping varieties, producing 50 to 75 tons per acre. Pkt., 25c.; bu., 75c.

MAMMOTH SOUTHERN ENSILAGE. A cheap and good food for stock of all kinds. Pkt., 35c.; bu., $1.00.

SWEET FODDER CORN. Cattle relish it and when fed on it give an abundance of milk. It is so sweet they usually eat every part of the stalks and leaves. Nothing better for green food or curing for winter. Sow in drills or broadcast. Pk., 40c.; bu., $1.25; 2 bu., $2.00; 10 bu., 85c. per bu., *bags included.*

IMPROVED EVERGREEN BROOM CORN.

Notice: *A treatise entitled* "Broom Corn and Brooms" *and its cultivation, for 5oc.*

The most popular sort. Ripens early. Brush green, good length, straight and has no center stalk. Requires similar land and later planting than field corn. Lb., 15c., postpaid; pk., 40c.; bu., $1.25.

CHANGE YOUR SEED OATS.....

If you would be up to the times and have a crop of oats which on threshing day will make you the envy of your neighbors, do not sow "any old thing," but buy good, *new* varieties that are *sure croppers*, free from disease, *immensely prolific*, and which *bring the highest price in the market*.

It pays to change your seed oats occasionally. Here are two of the best varieties now in cultivation. Our stocks are *thoroughly cleaned*. Prices include bags.

Rust-Proof... ...Prolific

NEW ZEALAND OATS.

Have yielded 102 bu. to acre.

This grand variety came originally from the country whence its name is derived. We sent it out for the first time two years ago and it has given remarkable satisfaction.

It is a *rust-proof* oat, a trifle higher than other sorts, having sufficient strength and stiffness of straw to prevent its lodging from the effects of storms.

The New Zealand is a white side oat of medium size, with extra heavy heads of about 100 grains each, and is only two or three days later than the early round oats. Stools out unusually well and stands up where wheat might be expected to stand. *The yield is twice that of any other variety*, and should be sown by every farmer who desires the most profitable oat to be obtained. Lb., 20c.; 3 lbs., 50c., prepaid Pk., 25c., bu., 75c.; 5 bu. for $3.25, bags included, not prepaid.

BLACK TARTARIAN. The best black oat in existence. Large, plump, *absolutely rust-proof*, exceedingly prolific, having yielded 100 bu. to the acre. Adapted to all soils. Lb., 20c.; 3 lbs., 50c., postpaid. Pk., 35c.; bu., $1.00; 5 bu., $4.50, bags included, not prepaid.

FLAX. When grown for seed, sow one bushel per acre. If fibre is wanted, sow at the rate of two to three bushels. The soil should be well cultivated. Lb., 10c.; 100 lbs., $4.00.

Book on Flax Culture 5c.

CLOVERS.

Prices on Clover subject to Market Changes. Write for special quotations. If wanted by mail or Express, prepaid, add 8c per lb. to prices named.

ALFALFA CLOVER.

ALFALFA, or LUCERNE. (*Medicago Sativa.*)

Alfalfa flourishes in all Western and Southern States and has succeeded admirably in many localities of the North. The great value of alfalfa is in its enormous yield of green fodder, which should be cut when commencing to blossom; it is also highly relished by stock when cured into hay. The roots penetrate the soil to a great depth, they having been found in sandy soil 13 feet long; it is thus able to resist drought, therefore it will grow and yield abundantly in hot, dry sections and on poor, light sandy land. It, however, attains its highest perfection on mellow, well drained high or rolling land, where water readily passes away Alfalfa is not adapted for heavy, sticky clays, nor for land where water stands a short distance below the surface. The seeds may be sown in the early fall or in the Spring as soon as the frost is out of the ground, in order to catch the Spring rain, as it needs moisture to germinate. Twenty to twenty-five pounds are required per acre if sown broadcast, eight pounds in drills. Thick sowing produces the finest hay. 60 lbs. to the bushel. Lb., 20c, not prepaid; bu., $5.00; 100 lbs., $8.00.

MEDIUM RED, or JUNE. (*Trifolium Medium.*)

The common Clover in general cultivation; grows 2 to 3 feet high, and is the best for hay. Makes excellent pasturage when sown with Grasses, and is one of the best fodders for milch cows and sheep. When used alone, sow about eight pounds of seed per acre; 60 pounds to the bushel. Lb., 15c, not prepaid. Write for prices in quantity.

MAMMOTH, or LARGE RED. (*Pea Vine, Trifolium Pratense.*)

Grows 4 to 6 feet high. The variety best adapted to plowing under as a green manure, on account of the enormous mass of tops and roots which it produces. It makes an excellent hog pasture. Sow 8 pounds per acre; 60 pounds to the bushel. Market price. Lb., 15c. Write for prices in quantity.

WHITE. (*Trifolium Repens.*)

Low, with creeping stems. It is the best of the Clovers for permanent pasturage, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass, or Taller Oat Grass, it makes a permanent pasture of great grazing value. Stems fine and palatable, bearing numerous leaves of bright green color blotched with white. Sow 6 pounds per acre when used alone, or 3 pounds with Grass seeds; 60 pounds to the bushel. Lb., 25c, not prepaid; 25 lbs., 20c per lb.

CRIMSON CLOVER. (*Trifolium Incarnatum.*)

This is an annual clover for fall sowing only, and when ripe to cut for hay or seed it never starts again. It can be sown in August, September or early in October. It can be sown in orchards, in fields of growing crops, or in open ground after some other crop has been harvested. It germinates quickly, grows late in the fall and during warm spells in the winter, when red clover will not think of starting. Makes remarkably rapid growth in Spring and by the first week in May it stands two or three feet high and is in full bloom, ready to turn under as green manure in time for almost any Spring crop. It succeeds on nearly every kind of soil standing northern winter and southern summer. It can be cut for hay and for this purpose grows as easily as common red clover. It thrives on land so poor that the common clover would do but little. 10 to 15 lbs. are required to the acre. Lb., 15c, not prepaid; bu., $3.00; 100 lbs., $5.00.

SCARLET CLOVER.

ALSIKE, or SWEDISH. (*Trifolium Hybridum.*)

Hardy, resists extremes of drought and wet, yields large crops of superior pasturage, and much liked by cattle. It is well suited to sowing on lands liable to wash, as its long fibrous roots spread over a wide area, and so interlace and hold the soil as to resist the heaviest rains. Can be planted on any kind of soil. Blossom heads round, resembling White Clover in shape, flesh colored, sweet and fragrant; much liked by bees. Sow 6 pounds per acre in spring or fall; 60 pounds to the bushel. Lb., 20c, not prepaid; bu., $5.50; 100 lbs., $10.00.

WHITE CLOVER.

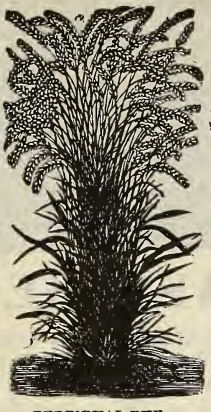
GRASS SEEDS.

A good selection and proper mixture of grass seeds for the various purposes of cultivation, for mowing, for soiling, for permanent pasturage or for an alternate crop, is of vast importance to the agriculturist. Many varieties hitherto neglected are by exhaustive tests proving to be worthy substitutes for the old sorts.

The following list gives names and short description of the very best varieties for general use.

All quotations on grass seeds subject to market changes. Special quotations will be given at any time.

If wanted by mail add 8c. per lb. for postage.



ORCHARD GRASS.

PERENNIAL RYE.

MEADOW FESCUE.

SHEEP'S FESCUE.

KY. BLUE GRASS.

TIMOTHY. (Herd's Grass, Cat's Tail, Phleum Pratense.) Starts late and grows rather slowly, flowering about four weeks after Red Clover. It makes good hay, even if cut a few days after flowering, but will never bear close feeding to horses or sheep; 45 pounds to the bushel. Sow 12 pounds to the acre. Lb., 10c.; large quantities, market price.

ORCHARD GRASS. (Rough Cook's Foot, Dactylis Glomerata.) This is one of the most valuable and widely known of all the pasture grasses.

Its good properties are earliness, rapid growth and power to resist drought. It will endure considerable shade. If cut when in flower, or very soon after, it makes first rate hay; ripe, it makes poor hay. Flowers about the same time as Red Clover. Sow 24 pounds to the acre. Lb., 20c; 100 lbs., $16.00.

RED TOP. (Pennsylvania Herd's Grass, Burden Grass, Agrostis Vulgaris.) Thrives best on low lands, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 2 bu. per acre; 14 lbs. to the bushel. Lb., 20c; 100 lbs., $9.00.

KENTUCKY BLUE GRASS. (June Grass, Spear Grass, Green Meadow Grass, Poa Pratensis.) Valuable pasture grass and for lawns when mixed with other grasses. It grows well in rather a dry soil, but will grow on a variety of soils from the dryest knolls to a wet meadow. It endures the frosts of winter better than many other grasses. Flowers in June. Sow about 28 lbs. to the acre early in the spring or during October or November. Lb. 20c.; 100 lbs., $10.00.

PERENNIAL RYE GRASS. (Lolium Perenne.) Nutritious and valuable; in most places not excelled by Blue Grass for pasture. It thrives on almost all cultivated soils; starts early and grows all summer. Height seldom over 18 inches. Flowers in June. 24 lbs. to the bushel. Sow 60 lbs. to the acre. Lb., 15c., 100 lbs., $6.00.

ITALIAN RYE GRASS. (Lolium Italicum.) Yields an early and abundant harvest on any good common soil. Especially recommended for pasture mixtures. Lb., 15c.; 100 lbs., $6.00.

MEADOW FESCUE. (English Blue Grass, Festuca Pratensis.) An excellent pasture grass, early, nutritious, and thrives well on all good soils. The long tender leaves are much relished by cattle. In addition to its being a pasture grass it makes a very good quality of hay. Flowers in June and July. Sow 40 lbs. to the acre. Lb., 15.; 100 lbs., $6.00.

MEADOW FOXTAIL. (Alopecuris Pratensis.) One of the finest varieties for permanent pastures, grows rapidly after the cropping of sheep and cattle. It grows well on all soils except the dryest sands and gravels, but thrives best on a rich, moist, strong soil. Flowers in May. Sow 25 lbs. to the acre. Lb., 30c; 100 lbs., $20.00.

TALL FESCUE. (Festuca Elatior.) Produces large crops on strong, heavy land. Grows naturally in shady woods, roots deeply and stands dry weather remarkably well. Sow 40 lbs. to the acre. Lb., 25c.; 100 lbs., $18.00.

HARD FESCUE. (Festuca Duriuscula.) A dwarf grass, desirable for dry localities where many other grasses would fail. Sow 30 lbs. to the acre. Lb., 25c.; 100 lbs., $12.00

PERENNIAL SWEET VERNAL. (Anthoxanthum Odoratum.) Useful as a mixture with other grasses, on account of its early growth. It emits an agreeable odor when cut for hay. Sow 10 lbs. to the acre with other grasses. Lb., 35c.; 100 lbs., $25.00.

TALL MEADOW OAT GRASS. (Aveaa Elatior, or Arrhenetherum Avenaceum.) It produces an abundance of foliage and is valuable for pasture, starts early, flowers early and roots deeply. Sow 50 lbs. to the acre. Lb., 25c.; 100 lbs., $16.00.

WOOD MEADOW GRASS. (Poa Memoralis.) There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 30 lbs. to the acre. Lb., 30c.; 100 lbs., $25.00

ROUGH STALKED MEADOW GRASS. (Poa Trivalis.) One of the few varieties that succeed well in moist and sheltered situations, where it produces a constant and abundant supply of nutritive cattle food. Sow 20 lbs. to the acre. Lb., 30c; 100 lbs., $20.00.

CRESTED DOGSTAIL. (Cynosurus Christatus.) On dry, hard soils and hills it is valuable for its hardiness. Useful for lawn mixtures. Sow 25 lbs. to the acre. Lb., 25c.; 100 lbs., $23.00.

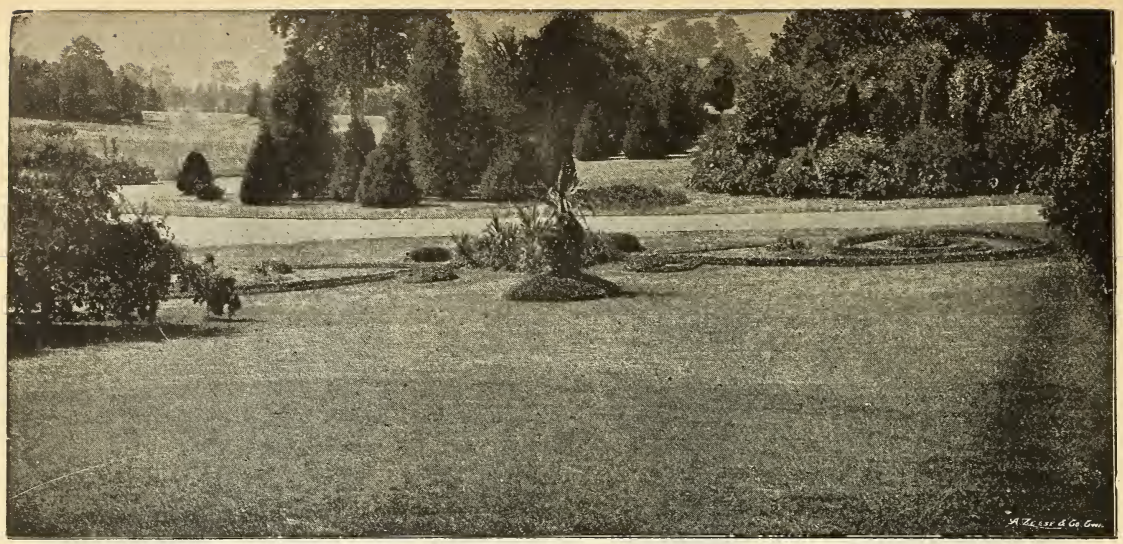
CREEPING BENT GRASS. (Agrostis Stolonifera.) This variety is peculiarly useful for moist places which are occasionally overflowed, but where water does not stagnate. Also valuable for lawns. Sow 20 lbs. to the acre. Lb., 20c; 100 lbs., $15.00.

COMMON MILLET. (Panicum Miliaceum.) Height 2 to 3 feet; succulent stems; leaves broad and numerous, grows rapidly, and matures early. Can be planted as late as August and mature a crop of hay the same season. Sow ¾ bushel per acre—50 lbs. to the bushel. Bu., $1.00.

HUNGARIAN MILLET. (Panicum germanicum.) A popular forage grass in dry sections and dry seasons; it endures drouth remarkably well. Stalk leafy, 2 to 4 feet high, with slender heads; 48 pounds to the bushel. Sow ¾ bushel per acre. Cut when in blossom, and cure the same as clover. Bu., $1.00.

PEARL MILLET. (Egyptian, East India Millet, Pencillaria spicata.) Sow in light, sandy soil, well-manured. If cut when small, for feeding green, it produces a second crop; is one of the best of fodder crops in the south. Lb. 10c.

GERMAN, or GOLDEN MILLET. A great yielder, and one of the best of hay and fodder crops. Sow ¾ bushel per acre—50 pounds to the bushel. Bu., $1.00.



LAWN GRASS SEED.

A **WELL KEPT LAWN** may truly be said to be the glory of a country home; without it, the most artistic grouping of Evergreens or the carefully planned and well arranged flower beds would lose their charm. The formation of a lawn direct from seed is an easy matter. The prime requisite is fresh, pure clean seed. After that, a little attention to the proper time to sow, the quantity to use, and the preparation of the soil will insure success.

Barnard's "Perpetual Green" Lawn Grass Seed is a combination of various grasses designed to produce in the shortest time possible a beautiful, dwarf, compact turf which will withstand the extreme heat of our summer and insure a rich, deep green sward throughout the entire season. This mixture is unequalled for tennis and croquet grounds. In its preparation seeds of the very best quality, highest grade, carefully recleaned and as free from weeds as it is possible to make them are used. One pound will sow a plot of 15x20 or 300 square ft.; 4 bushels (56 lbs.) to the acre.

Price, per lb., 35c. postpaid. ***Not prepaid,*** 1 lb., 25c. 5 lbs. or more at 20c. per lb., bags included.

Full printed instructions for the ***"Preparation and Care of Lawns"*** are inclosed in every package or bag of Grass Seed.

Special Lawn Grass Mixture for shady situations, etc. We are often asked for a mixture to sow under trees or places, where, hitherto it has been impossible to induce grass to grow. Seeds of grasses whose natural home is in woods or sheltered places are mixed and always produce the desired result. Lb., 40c. postpaid. ***Not prepaid,*** 1 lb., 30c. 5 or more lbs. at 25c. per lb., bags included.

OTHER GRASS AND CLOVER SEEDS.

Blue Grass. Just the thing to sow for grass where no attempt is made to form a lawn. Fancy cleaned, lb., 35c. postpaid. Large quantities at market price.

Red Top. A good permanent grass. Lb., 35c. postpaid.

White Clover. Thrives in damp situations. We have some A1 seed, carefully cleaned. Lb., 35c. postpaid.

Special rates will be quoted for quantities over 1 lb.

DRY, CLEAN, ODORLESS LAWN FERTILIZER

Chicago Lawn Fertilizer is a preparation in which the enriching qualities of stable manure are found without any objectionable features. Stable dressing is unpleasant to handle and in other ways but worst of all is, that it always contains more or less weed seeds. ***There are no weed seeds in this fertilizer.*** In preparing ground for a new lawn scatter, say twenty five pounds on every thousand sq. ft. and rake it in thoroughly before sowing the seed. If the lawn needs a little renovating onl a light dressing of fertilizer, over the bare sp ots, after the leaves have been removed, and a sprinkling of lawn grass seed will enhance its appearance. The fertilizer ean be applied as a top dressing as soon as the frost is out of the ground.

QUANTITIES TO USE AND PRICES.

	Not prepaid
10-lb. bag for 1,000 sq. ft. of lawn, or 500 sq. ft. of garden	$ .50
25-lb. bag for 2,500 sq. ft. of lawn, or 1,200 sq. ft. of garden	1.00
50-lb. bag for 5,000 sq. ft. of lawn, or 2,500 sq. ft. of garden	1.75
100-lb. bag for ¼ acre of lawn, or ⅛ acre of garden	3.00
200-lb. bag for ½ acre of lawn, or ¼ acre of garden	5.50

GRASS SEED MIXTURES FOR MEADOW AND PERMANENT PASTURES.

In the preparation of these mixtures for Permanent Pasture and Mowing, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down and are likely to realize the object in view. To facilitate this, a description of the soil, whether light, medium or heavy, also climate, the range of temperature, and the purpose for which sown, and if with or without a crop, should accompany order.

Mixture for Permanent Pastures on most good loam and clay soils.

	LBS.
Perennial Rye	4
Blue Grass	4
Red Top	4
Orchard Grass	6
Timothy	4
Meadow Fescue	2
Meadow Fox Tail	4
Red Clover	1
Alsike Clover	1
30 lbs., sufficient for one acre	$3.50

Mixtures for lighter soils, more or less gravelly or sandy.

	LBS.
Perennial Rye	3
Timothy	5
Tall Meadow Oat	8
Crested Dog's Tail	2
Orchard Grass	3
Hard Fescue	2
Sheep's Fescue	3
White Clover	1
Red Clover	2
Alsike Clover	1
30 lbs., sufficient for one acre	$3.75

Mixture for wet soils.

	LBS.
Red Top	5
Fowl Meadow	4
Perennial Rye	4
Blue Grass	4
Orchard Grass	4
Creeping Bent	2
Meadow Fescue	1
Timothy	4
Red Clover	1
Alsike Clover	1
30 lbs., sufficient for one acre	$3.50

MISCELLANEOUS SEEDS.

TREE SEEDS.

We have an extensive demand for tree seeds for timber claims, and carry a large stock of the most valuable sorts. Prices by packet, ounce and pound include postage; larger quantities go by express or freight at buyer's expense. Write for special prices on large lots on any not here mentioned.

White Ash. One of the most valuable to transplant or grow from seed. A very rapid grower. The seed usually lies dormant the first season but is sure to grow the next year if ground is undisturbed. Oz., 5c.; ¼ lb., 10c; lb., 40c. postpaid.

Catalpa Speciosa. This hardy variety is exceedingly successful on the Western and Northwestern prairies. It is of rapid growth, easily transplanted and an excellent timber tree. Has beautiful flowers and the tree presents a handsome appearance. 1 lb. contains about 20,000 seeds. Pkt., 5c., oz., 10c., lb., 80c.

	Pkt.	Oz.	Lb.
AMERICAN ARBOR VITÆ	5	15	$ 1.75
BALSAM FIR	5	20	2.00
CEDAR, RED	5	10	1.00
CHESTNUT, GIANT JAPAN		10	75
LARCH, EUROPEAN	5	10	1.00
LOCUST, HONEY. 5 lbs. not p'pd. $1.25		5	45
LOCUST, BLACK OR YELLOW		5	40
MAPLE, SUGAR	5	15	1.00

Box Elder. Very easily grown. Wood close and fine grained. A rapid grower and makes good shade. Soak seeds before planting. One pound contains 15,000 seeds. Oz., 5c.; lb., 60c. postpaid.

Soft or Silver-Leaved Maple. Extensively planted on account of its rapid growth. Seeds ripen in May and should be planted as soon after being taken from the tree as possible as they lose vitality if kept any length of time. One of the most beautiful maples. Pkt., 5c.; oz., 10c.; lb., 50c. postpaid.

	Pkt.	Oz.	Lb.
MULBERRY, RUSSIAN	5	20	$ 2.00
OSAGE ORANGE, Bu. (33 lbs.) $6.00		5	40
PINE SCOTCH	5	20	2.00
SPRUCE, DOUGLAS	10	40	4.00
SPRUCE, NORWAY	5	10	1.25
WALNUT		10	75

Fruit Seeds.

It is a well known fact that seedling fruit trees and small fruit plants are more prolific than those propagated from cuttings. Seeds of small fruits germinate slowly and should be sown early

	Pkt.	Oz.	Lb.
Apple Seed. 10 lbs. not p'pd. $2.25		10	$ 40
Blackberry, mixed sorts	10	50	
Cherry Pits		10	50
Currant, Red	10	50	
" White	10	50	
" Black	10	50	
Gooseberry, English sorts, mixed	10	50	
Peach pits Bu. (50 lbs.) $2.00			20
Pear. French	5	20	2.00
Raspberry, mixed	10	30	
Strawberry, large fruited	10		
Wineberry, Japanese	15		

BIRD SEEDS.

We always have a full stock. Add 10c per lb. for postage. Write for latest quotations on large quantities as the market fluctuates.

Mixed Bird Seed, Lb.	6c.,	10 lbs.	$ .50
Canary, per lb.	6c.,	10 lbs.	50
Hemp, per lb.	6c.,	10 lbs.	50
Rape, per lb.	6c.,	10 lbs.	50
Millet, per lb.	5c.,	10 lbs.	40

Sunflower, per lb. 10c; 10 lbs. 70c; 25 lbs. $1.25.

SAND VETCH.

(Vicia Villosa.) A hardy forage plant remarkable for the enormous quantity of green fodder it produces. Six tons per acre have been harvested. Thrives in poor, thin soil Sown in April is ready to cut in mid July, the second growth affording good hog pasture. Sown in September (50 lbs. to the acre mixed with one bushel of rye for support) it will yield a splendid crop in May. It is nutritious, more so than clover. All stock eat it with relish and safety. Pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid. Per bu. of 60 lbs., $6.00.

Wild Rice.

(Zizania Aquatica.) A valuable plant for furnishing food for water fowl. We can recommend it to sportsmen's clubs for wild duck feeding. Cattle like it; at the South two crops can be cut of it in one season. It makes good hay and purifies the water in which it grows. Lb. 30c. postpaid. Bu. (20 lbs.) $3.50.

PEANUT, Mammoth Virginian.

The pods and nuts are much larger than the ordinary sort and almost every pod is well filled. Habit erect; very easily grown. Pkt., 5c.; lb., 20c., postpaid.

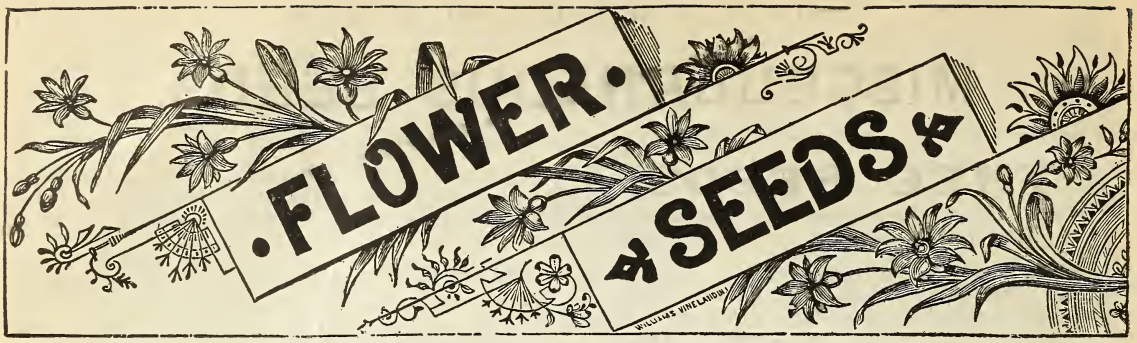
Spanish Peanut.

This is a good variety on which to fatten hogs. The pods are small, remarkably solid and well filled. Pkt., 5c.; lb., 20c., post paid.

CHUFAS or EARTH ALMONDS. **(Cyperus Esculentus.)** Much used in some sections to fatten hogs. It has the advantage over Jerusalem Artichoke that it is easily eradicated. The roots being very near the surface are easily reached by poultry who will destroy them if given a chance. A peck will plant an acre. Sow in April in rows 3 ft. apart and about 10 inches apart in the row. Pkt., 10c ; qt., 35c. postpaid. peck, not prepaid, $1.00.

Barnard's "Perpetual Green" Lawn Grass Seed.

Special attention is called to our "Perpetual Green" Lawn Grass Seed. It is the best lawn grass seed for our climate and never fails to give satisfaction. Lb. 35c. postpaid. Lb., 25c.; 5 lbs., $1.00 not prepaid. For Clover, Blue Grass etc., see preceding pages.



GENERAL CULTURAL DIRECTIONS:

MOST flower seeds germinate well in a rather light sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all the hardy seeds vegetate better when planted in early spring as soon as the soil can be worked fairly easily.

A general rule for the seed-bed is to have the soil rich, level and worked very finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does, they will be pretty sure to fail. For this reason it is best to sow most small seeds in shallow boxes 2 to 3 inches in depth and of any convenient size, that the surface of the soil may be kept properly moistened.

After the seeds are up, care must be taken to give them plenty of air and moisture, and yet not too much water, or they will "damp-off" (rot at the top of the ground). As soon as the second leaves are well out they should be transplanted into pots or new boxes. When finally transplanted to the bed or border they should be watered frequently until well established.

ANNUALS grow, bloom and die the first year from seed. They are all of easiest culture.

BIENNIALS flower the second year, sometimes the third, then die. Some bloom the first year.

PERENNIALS usually bloom the second season and continue in life several years.

In this catalogue we abbreviate the classifications as follows:

A to designate Annuals.	E for Everlastings.
B for Biennials.	C for Climbing Plants.
P for Perennials.	G. P. for Greenhouse Plants.

As to hardiness: H, hardy, H H, half-hardy, T, tender.

PLEASE ORDER FLOWER SEEDS BY NUMBER as it will save time in writing and also in filling the order.
ALL FLOWER SEEDS will be sent prepaid at prices mentioned in this Catalogue.

DISCOUNTS. All purchasers of flower seeds in *packets and ounces* are entitled to liberal discounts. See top of order sheet and page ... of catalogue.

SIZE OF PACKETS. Our packets are *well filled*, so much so that they usually contain sufficient for two or more sowings.

SEEDS FOR SPECIAL PURPOSES

The following list will be found useful in making selections of suitable varieties for a given object.

LOW GROWING PLANTS

For Beds and Edgings.

Ageratum, Alyssum, Browallia, California Yellow Bells, Calliopsis, Campanula, Candytuft, Chrysanthemum, Daisy, Dianthus or Pinks, Escholtzia, Feverfew, Forget-me-not, Godetia, Heliotrope, Mignonette, Marigold (dwarf), Nasturtium (dwarf), Pansy, Phlox Drummondii, Poppy, Portulacca, Torenia, Verbena, Violets, Zinnia (dwarf).

CLIMBING PLANTS

For Porches, Etc.

Adlumia, Balloon Vine, Canary Bird Flower, Cobœa, Cypress Vine, Dolichos, Moonflower, Nasturtium (tall), Scarlet Runner Beans, Sweet Peas, Thunbergia.

For Fragrant Flowers.

Sweet Alyssum, Candytuft, Carnation, Four O'clock, Heliotrope, Mignonette, Pansy, Nasturtium, Stocks, Sweet Pea, Verbena, Violet, Wallflower.

FOR BOUQUETS.
14 Pkts.
"ONLY A QUARTER."

Here are fourteen choice annuals, easily grown, the best for cutting for bouquets. **Aster,** good mixed. **Sweet Alyssum. Agathea. Ageratum,** mixed, **Balsam,** double mixed. **Calliopsis. Carnation,** Margaret. **Candytuft. Convolvulus,** Minor. **China Pinks. Nasturtium,** tall. **Pansy,** mixed. **Sweet Peas,** mixed. **Zinnia,** mixed. Price, the entire 14 pkts., 25c.

TALL GROWING PLANTS

For Backgrounds and Centers.

Abutilon, Adonis, Antirrhinum, Aquilegia, Aster, Balsam, Calendula, Canna, Castor Bean, Datura, Delphinium, Hollyhock, Helianthus or Sunflower, Lupins, Marigold, Mirabilis or Four O'clock, Nicotiana, Perilla, Salvia, Stocks, Sweet Williams, Zinnias.

FOR CONSTANT BLOOM.

Sweet Alyssum, Candytuft, Carnation, Celosia, Escholtzia, Nasturtiums, Petunias, Phlox Drummondii, Pinks, Portulacca, Sweet Peas, Verbena, Zinnia.

For Vases and Baskets.

Abronia, Alyssum, Gilia, Kenilworth Ivy, Lobelia, Maraundia, Mimulus, Nasturtium Lobb's, Nierembergia, Schizanthus, Sedum, Vinca, Verbena.

WILD FLOWER GARDEN MIXTURE.

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodlawn walks, roadsides, railroad embankments and for sowing alongside of fences, and on any untidy bare spots of ground which are so frequently unsightly and which, if properly cared for and kept free from weeds, produce a continual display of bloom during the summer. Pkt., 5c.; oz., 25c.

For the Latest Novelties and Recent Introductions see front pages.

GENERAL LIST OF FLOWER SEEDS

AGERATUM.

AGERATUM.

A plant of neat, erect, bushy appearance; long bloomer, fine for bouquets. H. H. A.

		Pkt.
2017.	Dwarf Blue, 9 in	3c.
2022.	" White, 9 in	3c.
2023.	" Mixed, 9 in	3c.
2024.	Tall Blue, 18 in	3c.
2025.	" White, 18 in	3c.
2032.	" Mixed, 18 in	3c.

AMARANTHUS.

Rapid growing plants. They have handsomely colored foliage and are very showy in large beds. Sow seed early and set out in rather poor soil in May or June to get best effects in color. H. H. A.

2033. **Caudatus.** (Love Lies Bleeding.) Long, dark, red drooping flower spikes. 2 to 3 feet. Pkt., 3c.

2038. **Salicifolius.** (Fountain Plant.) Drooping, willow-shaped leaves, handsomely variegated. 3 ft. Branches out freely. Pkt., 5c.

2039. **Tricolor.** (Joseph's Coat.) Leaves bright red, yellow and green. 2 ft. Pkt., 3c.

2040. **Many varieties mixed.** Pkt., 3c.

AMPELOPSIS VEITCHII.—(JAPANESE OR BOSTON IVY.)

2045. A hardy perpetual woodbine climber from Japan. Leaves small, deeply cut, olive-green, changing to bright scarlet in autumn. Pkt., 10c.

For prices of Plants see "Climbing Plants."

ANEMONE.—(WINDFLOWER.)

2046. Easily grown from seed; blooms in autumn. Bulbs may be taken up and stored during the winter like Dahlias. H. P. Pkt., 5c.

ANTIRRHINUM.—(SNAPDRAGON.)

Showy flowers for cutting. The dwarf sort make pretty edgings, and both kinds bear a mass of flowers. H. P., but blooms first year.

2047. Tall, Mixed, 2 ft. ¼ oz., 15c. Pkt., 3c.
2048. Dwarf, Mixed, 18 in. ¼ oz., 20c. Pkt., 3c.

AQUILEGIA.—(COLUMBINE.)

Splendid for bouquets. Curiously shaped beautiful flowers. Blooms very early. 2 ft. H. P.

2049. **Chrysantha.** Bright golden yellow. Pkt., 5c.
2050. **Corulea.** Violet blue and white. Pkt., 10c.
2051. **Single.** All colors mixed. Pkt., 3c.
2056. **Double.** All colors mixed. Pkt., 3c.

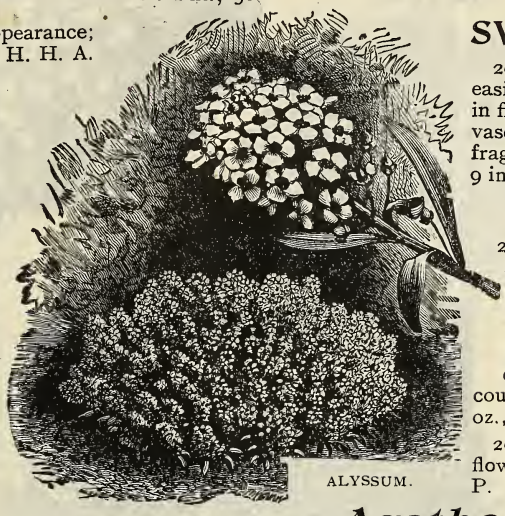
2000 **ABRONIA.** Trailing plants with Verbena-like fragrant flowers. In beds sometimes one plant covers a yard square and is full of bloom. Best colors mixed. H. H. A. Pkt., 5c.

2001. **ABUTILON.** Fine house plant for winter blooming. Bell-shaped flowers H. H P. Pkt., 10c.

2002. **ADONIS.** Hardy bedder. Crimson. Blossoms throughout the season. Foliage is graceful and feathery. Height 1 ft. A. Pkt., 3c.

2007. **ADLUMIA.** (*Allegheny Vine.*) Likes shade. Pink and white flowers. Fern-like foliage. Cl. Pkt., 5c.

LOVE LIES BLEEDING.



ALYSSUM.

SWEET ALYSSUM.

2057. An old favorite as easily grown as a weed. Thrives in flower gardens, window boxes, vases, etc. Flowers white, very fragrant, valuable for cutting, 9 in. H. A. Oz., 25c. Pkt., 3c.

ALYSSUM, Little Gem.

2058. This variety grows about six inches in height. Flowers pure white, fragrant, borne in profusion. Suitable for edgings and low beds. More than four hundred clusters of flowers in full bloom have been counted on a single plant. ½ oz., 20c.; Pkt., 5c.

2068. **Saxatile.** Golden yellow flowers. Blooms in spring. H. P. Pkt., 5c.

Agathea.—(BLUE DAISY.)

2012. In appearance is exactly like the Marguerite or Paris Daisy, except its flowers, which are sky-blue with yellow disc. Easily grown, free blooming and valuable for culture as a winter flower. H. A. Pkt., 5c.

AQUILEGIA.

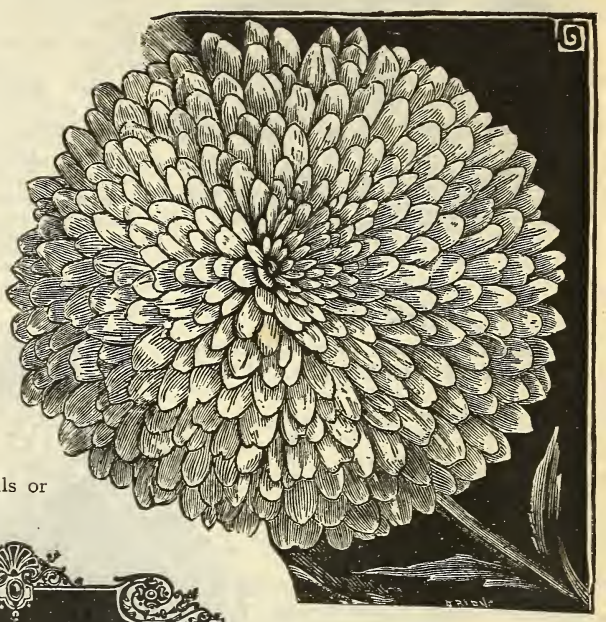
ASTERS.

Seed saved from double flowers only. These popular annuals can be relied upon for a grand display of exceedingly graceful and handsomely formed flowers in the fall months when the beauty of other kinds is passing away. In this revised list we include the newest and best.

IMPROVED VICTORIA ASTERS.

The most handsome of all Asters, having large, double globe-shaped flowers. Plants grow about twenty inches high, each one carrying from ten to twenty flowers. *Our strain of seed is of unexcelled quality.*

2069. **White.** Pkt., 10c.
2070. **Rose.** " 10c.
2071. **Carmine.** " 10c.
2076. **Light Blue.** Pkt., 10c.
2077. **Dark Blue.** " 10c.
2078. **Crimson.** " 10c.
2079. **Finest Mixed,** all the above and others. " 10c.
2080. **Imported Collection,** six distinct colors 35c.



CHICAGO FLORISTS' WHITE ASTER.

NEW JAPAN ASTER.

2081. A distinct and novel form of flower, resembling somewhat a tassel. Plants grow eighteen inches high, bloom freely; well developed flowers measure from four to five inches across, and are of an attractive light flesh color. Our illustration shows the needle-like, wavy and twisted petals. Pkt., 15c.

2082. **NEEDLE ASTERS.** Petals resemble quills or needles. Height two feet. Mixed colors. Pkt., 10c.

MIGNON ASTERS.

Half dwarf in habit, height fourteen inches. The flowers resemble those of the Victoria in form, but are smaller. A favorite Aster for cut flower work and much used by florists. Blooms almost continuously.

2083. **Pure White.** Pkt., 10c.
2084. **Mixed.** Will bring a large variety of colors. Pkt., 10c.

PERFECTION ASTERS.

TRUFFAUT'S PÆONY-FLOWERED PERFECTION.

One of the finest Asters; perfect in form. The flowers are large, of beautiful colors, incurved like a Pæony. Plants grow about two feet high, stout and vigorous.

2085. **Pure White.** Much used by florists. Pkt., 7c.
2091. **Rose.** A bright shade. Pkt., 7c.
2092. **Blood Red.** Most striking color. Pkt., 7c.
2097. **Light Blue.** A soft and pretty shade that is much sought after. Pkt., 7c.
2098. **Dark Blue.** While dark not dull; desirable for bouquet making. Pkt., 7c.
2100. **Dark Crimson.** A deep rich color. One of the best of this class. Pkt., 7c.
2102. **La Superbe.** Sky-blue, tipped white. Truly a superb flower. Try this. Pkt., 7c.
2107. **Mixed Colors.** Great variety of color. Pkt., 5c.
2112. **Collection of Six Distinct Colors.** Each put up separate, 25c.

JAPAN TASSEL ASTER.

2123. **SPECIAL MIXTURE OF TALL ASTERS.** Made up of the most desirable colors of Victoria, Perfection, Crown, Mignon and others. Try this splendid mixture for a handsome bed of tall Asters. Pkt., 5c.; ⅛ oz., 75c.

CHICAGO FLORISTS' ASTER

2124. **Snow White.** This is a favorite sort with our local florists. It is a cross between Victoria and Perfection, and its snow white flowers borne on long stems are unequaled for cutting. They command the highest price as cut flowers. Pkt., 10c.
2125. **Mixed.** White, pink, etc. Pkt., 10c.

CROWN OR COCARDEAU.

2126. Center of flower always white, outside petals of various colors. Very showy. Two feet. Mixed colors. Pkt., 7c.

CROWN ASTER.

ASTERS···CONTINUED.

COMET ASTER.

They are much admired on account of their large flowers composed of long, wavy or curled petals, arranged into loose, yet perfect half globes. Being borne on long stems gives them an added value when cut for vases. Height eighteen inches.

2127. **Pink Bordered White.** Pkt., 10c.
2133. **Deep Rose.** Very showy. Pkt., 10c.
2134. **Light Blue.** A pleasing shade. Pkt., 10c.
2135. **Snow White Giant.** Very large flowers borne on long stiff stems. One of the best. Pkt., 10c.
2136. **Mixed.** All above and others. Pkt., 10c.

COMET ASTER.

WHITE PLUME ASTER.

2137. This is similar to a Comet Aster. Its petals are long, flat and reflexed. Makes an excellent cut flower. Pkt., 10c.

DWARF QUEEN ASTERS.

Splendid cutting variety. The largest and best Aster of the dwarf class. Height twelve inches.

2138. **White.** 2139. **Crimson.**
2145. **Mixed.** Each, pkt., 10c.; 3 pkts. for 25c.

DWARF BOUQUET ASTERS.

A charming class. Plants grow about eight inches high, each one forming a neat bouquet. The best variety for lines and edgings.

2146. **White.** Pkt., 5c. | 2161. **Pink.** Pkt., 5c.
2156. **Crimson.** Pkt., 5c. | 2162. **Dark Blue.** Pkt., 5c.
2167. **Mixed Colors.** Pkt., 5c.

Snowball or Princess Aster.

2172. A variety having very short, thick petals, making a flower resembling a dwarf or Pompon Dahlia. A single plant will produce twenty-five or more flowers and continues a long time in bloom. Pkt., 10c.

BRANCHING ASTER.

SNOWBALL.

TRIUMPH ASTER.

2173. As the Queen is the largest, so the Triumph is the most beautiful of dwarf Asters. Color, rich, deep scarlet. Height eight inches; each plant made up of a dozen or more branches. Pkt., 7c.

2 BIG BARGAINS ···IN···

Tall Asters. One package each Victoria mixed, Japan Tassel, Needle, Mignon mixed, Perfection mixed, Chicago Florists' mixed and Crown; value 72c. for 50c. net. *No other discount.*

Dwarf Asters. One package each Comet mixed, White Plume, Queen, Bouquet, Snowball and Triumph; value 52c. for 40c. net. *No further discount.*

Late..... Blooming Branching Asters.

LENGTHEN THE SEASON UNTIL FROST.

Semple's. An American grown Aster, which, by constant and careful selection, has attained high excellence. Plant of robust growth, about two feet in height, branching out as shown in illustration and bearing on long stems large, handsomely formed flowers. We offer three distinct colors:

2174. **White.** Pkt., 10c. | 2180. **Lavender.** Pkt., 10c.
2179. **Pink.** Pkt., 10c. | 2185. **Mixed.** Pkt., 10c.

Vick's Branching Aster. Quite distinct from Semple's. The flowers, four inches across, stand erect on long stems, and as there is no stiffness about them they are very graceful and are often taken for Chrysanthemums.

2190. **White.** Petals curled and twisted. Pkt., 10c.
2191. **Mixed Colors,** including above and others. Pkt., 10c.

PERENNIAL ASTERS. (MICHAELMAS DAISIES.)

2192. Single flowering, hardy plants, thriving anywhere. Sown early in spring will flower first season and remain in bloom many weeks. Pkt., 5c.

2193. **SPECIAL MIXTURE OF DWARF ASTERS.** Suitable for either pot or garden culture. All the desirable varieties and most showy colors. Just what is required for a handsome flower bed. We highly recommend this mixture. ⅛ oz., 75c.; pkt., 5c.

CAMELLIA FLOWERED BALSAMS.

..BALSAMS..

Showy annuals that are universal favorites. To grow these to perfection, start the seed in house or hot bed, subsequently transplanting into very rich soil in the garden. Set about fifteen inches apart. Stimulate by weekly applications of manure water.

Improved Camellia-Flowered Balsams.

The *best of all* Balsams. Flowers very large, perfect in form, as double as the Camellia and produced in abundance.

Any of the following separate colors pkt., 7c.:

2200. **Scarlet.**
2201. **Crimson.**
2206. **White.**
2202. **Yellow.**
2203. **Solferino.** White with scarlet spots and stripes.

2207. **Mixed.** Many colors. Pkt., 5c.

2208. **WHITE PERFECTION.** Very large double, pure white flowers. Finest White Balsam in cultivation. Pkt., 5c.

2209. **CARNATION STRIPED.** Marked and striped like Carnations. Pkt., 5c.

2210. **Double Balsams.** Mixed. ½ oz., 35c.; pkt., 5c.

BALLOON VINE.

2213. Rapid growing annual. Reaches five feet if grown on warm soil. Flowers white. Pkt., 3c.

BROWALLIA

2214. Annual, suitable for bedding in summer and house culture in winter. One and one-half ft. Mixed. Pkt., 3c.

2215. **CACALIA.** The Tassel-flower. Prized for bouquets. Easily grown. One and one-half foot. H. A. Pkt., 3c.

CALCEOLARIA

Prized as among the most showy plants for house culture. They are in bloom about three months and have curious pocket-like flowers in various colors. Eighteen inches. T. P.

2239. **Tall.** Mixed. Pkt., 25c.
2240. **Dwarf.** Mixed. Pkt., 25c.
2241. **Rugosa.** For bedding. Pkt., 25c.

UMBRELLA PLANT.

Cyperus Alternifolius.

2265. A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground, and easily raised from seed. The leaves are striped with white, giving the plant a distinct appearance. Pkt., 10c.

Begonias.

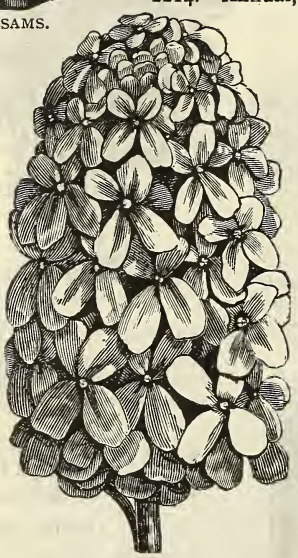
As bedding plants there is nothing to equal the Tuberous Rooted Begonia. They bloom equal to the geranium, but with a form and variety of colors and shading equal to the rose.

Tuberous Rooted Begonias are easy to grow from seed, and if sown in February or March bloom the same year. They carry a profusion of scarlet, pink and white flowers and make a grand bed in a somewhat shady place. For winter plants sow in August.

2226. **Single.** Mixed. Pkt., 20c.
2227. **Double.** Mixed. Pkt., 20c.

FIBROUS ROOTED.

2232. **Begonia Rex.** Grown for their large, beautiful, ornamental leaves. Unexcelled as window plants. Pkt., 20c.



CANDYTUFT EMPRESS.

...BEGONIA VERNON...

2237. No summer bedding plant or winter window bloomer comes more readily from seed and is so constant in flower as this. It stands the hottest sun, is at all times covered with blood red flowers, while its dark green waxy-like foliage makes a pleasing contrast. Pkt., 10c.

For Begonia Bulbs see Bulb Department.

2238. **CALANDRINIA Umbellata.** Beautiful creeping plants, adapted for planting in rock-work or edgings. Bright crimson. Six inches. H. A. Pkt., 3c.

CANDYTUFT

A dwarf growing annual, for edgings and beds; indispensable for cut flowers. Sow early where plants are to bloom. Keep seed heads picked off. Grows about one foot high.

2242. **Carmine.** Pkt., 5c.
2243. **Crimson.** Pkt., 5c.
2260. **EMPRESS.** White, with large flowers. Pkt., 7c.
2244. **White Rocket.** Tall flower spikes. Pkt., 5c.
2249. **Dwarf White.** Pkt., 5c
2254. **Mixed.** ¼ oz. 10c. pkt., 3c.
2255. **Sempervirens.** Perennial; glossy leaves, white; six inches. Pkt., 5c.

BEGONIA VERNON.

CARNATIONS

Are prized for their delightfully fragrant and lovely flowers. They are valuable for flower beds in summer and as winter blooming house plants. Eighteen inches. H. H. P.

BLOOMING THE FIRST SEASON

MARGARET CARNATION.

2267. These lovely Carnations are of dwarf habit, requiring no support. They *bloom in about four months after sowing the seed*, yielding a profusion of fragrant fringed flowers, white, red, pink, variegated and others. By lifting the plants in fall or repeated sowings flowers may be had all winter. Mixed. ⅛ oz., 25c.; pkt., 5c.

2266. **Pure White.** Pkt., 5c.

GIANT MARGARET.

A greatly improved strain, producing double flowers three inches across. There is also a greater variety of colors, while the semi-dwarf habit and fragrance is retained. Mixed. Pkt., 10c.

2272. **Chaubaud's Perpetual.** Blooms in seven months. Large, sweet-scented flowers, in same colors as Margaret. Height, sixteen to twenty inches. Pkt., 10c.

2273. **Guillaud.** Selected from the Margaret. In this strain are found clear yellow and yellow striped flowers. Pkt. 10c.

MARGARET CARNATION.

CARNATIONS BLOOMING THE SECOND SEASON.

2278. **Grenadin.** Very early. Dwarf habit. Scarlet flowers; splendid for cutting. Endures the winter with slight protection. Pkt., 5c. 2292. **White.** Pkt., 10c.

2279. **Perpetual or Tree.** Fine for winter flowering. Pkt., 15c.

2280. **Double Dwarf Vienna.** The earliest garden sort. White, sweet-scented flowers. Pkt., 10c.

2285. **PICOTEE.** Fine double mixed. Flowers white or yellow, bordered with purple, red or rose. Pkt., 25c.

2290. **CARNATIONS. Double finest mixed.** This seed will give very favorable results. Pkt., 10c.

2291. **Fine Mixed.** A small percentage will come single. Pkt., 5c.

Canary Bird Flower.

2300. A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 5c.

CALENDULA.

Of easiest culture. **Excellent for bouquets.** H. A. Twelve inches.

2320. **Meteor.** Double yellow, striped with orange. Pkt., 3c.

2325. **Prince of Orange.** The best double Marigold. In general it is similar to Meteor, but much darker in color. Pkt., 3c.

2326. **Fine Mixed.** Pkt., 3c.

CELOSIA—TRIUMPH OF THE EXPOSITION.

Canterbury Bells.

Campanulas thrive in light, rich soil. Worthy a place in every garden. Rich, showy flowers. Two and one-half feet. B.

2367. **Double.** Pkt., 3c.

2368. **Single.** Pkt., 3c.

2369. **Cup and Saucer.** So called from the very large handsome flowers which resemble these household articles. Rose, striped and others mixed. Pkt., 5c.

Celosia or Cockscomb.

Excellent bedding or pot plants, producing their flowers in combs and feathery spikes. H. H. A.

2373. **Crested,** crimson. Tall, two feet. Pkt., 5c.

2374. **Crested,** crimson. Dwarf, one foot. Pkt., 5c.

2375. **Crested,** mixed sorts. Pkt., 5c.

2376. **PRESIDENT THIERS.** Very dwarf. Crimson. Much used in bedding. Fine pot plant. Pkt., 10c.

2377. **Empress.** Crimson comb of colossal size. Pkt., 10c.

2378. **Triumph of the Exposition.** Feathery flower heads of brightest scarlet. Blooms early and the entire season. 2 feet. Pkt., 5c.

DOUBLE CORNFLOWER.

CANNA.

Cannas within recent years have become most popular. They are stately plants with handsome foliage and showy flowers. The seeds are extremely hard and it is advisable to file through the hard outside covering; soak in warm water several hours before planting. Comes readily from seed; that sown early will give blooming plants the first season. The roots may be wintered in the cellar—the same as Dahlias. H. H. P.

2425. **New Dwarf French.** The easiest grown and have much larger flowers than those of the old type. Saved from earliest blooming and handsomest varieties. Pkt., 10c.

2426. **Splendid Mixture** of best old sorts. Pkt., 3c.

CENTAUREA CYANUS.

An old favorite annual, also known as Bachelor's Button, Corn Flower, Blue Bottle, etc. All of the easiest culture.

2398. **Cyanus Fl. Pl.** (***Double Cornflower.***) Large, double globe-shaped flowers in new and beautiful colors. Pkt., 5c.

2399. **Cyanus** (***Bachelor's Button, etc.***) In bloom all summer. Mixed colors in many shades. Pkt., 3c.

2400. **Moschata** (***Sweet Sultan.***) Fine for bouquets. 2 ft. Pkt., 5c.

2404. **Emperor William.** Dark blue, very fine. Pkt., 3c.

WHITE LEAVED OR DUSTY MILLER VARIETIES.

Valuable bedding plants or for use in vases and hanging baskets. The silvery white leaves contrasting effectively with dark foliaged plants. H. H. P.

2401. **Candidissima.** Silver white, broader leaved than the others. 1 ft. Pkt., 10c.

2402. **Clementei.** Finely cut, drooping leaves. 1 ft. Pkt, 5c.

2403. **Gymnocarpa.** Strong grower, deeply cut foliage. 1½ ft. Pkt., 5c.

CINERARIA.

A grand plant for the conservatory blooming in early spring. 1 ft. T. P.

2387. **Grandiflora.** Finest mixed. Pkt., 25c.

2388. **Grandiflora Nana.** Dwarf. Pkt., 25c.

2389. **Plenissima.** Double flowering. Pkt., 25c.

BEDDING CINERARIAS.

These are perennials and have silvery foliage.

2390. **Maritima.** Compact habit. 1 ft. Pkt., 5c.

2391. **Candidissima.** A variety of above with white foliage. 1 ft. Pkt., 5c.

CLARKIA. A well known Hardy Annual.

2415. **Single Mixed.** 3c. | 2416. **Double Mixed.** 3c.

CHRYSANTHEMUMS.

Exceedingly showy and popular plants for garden and house. **No other annual furnishes so many cut flowers.** The annual varieties make splendid garden plants and are quite distinct from the Autumn flowering class. 12 to 18 inches.

ANNUAL VARIETIES.

2428. **Coronarium,** double yellow. (See cut.) Pkt., 3c.

2429. —— —— white. Pkt., 3c.

2430. **Lord Beaconsfield.** Single crimson maroon, edged with gold. 18 inches. Pkt., 3c.

2431. **INODORUM Fl. Pl.** Double snow white flowers. Splendid for cutting. 2½ ft. Pkt., 5c.

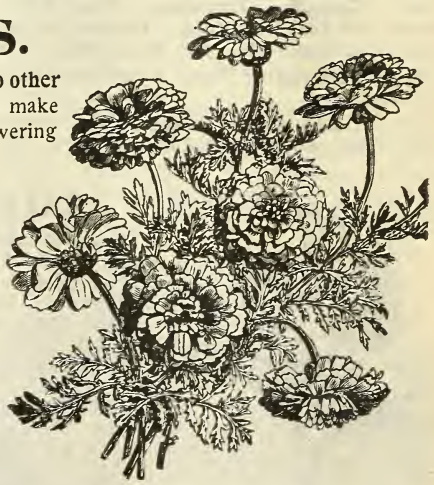
2432. **Golden Feather.** Single. Foliage yellow. White with a crimson ring. 15 inches. Pkt., 3c.

2433. **ECLIPSE.** Golden yellow, scarlet ring; centre dark brown, very fine. Pkt., 3c.

2434. **Single Annual Varieties,** Mixed. Pkt., 3c.

2439. **Double Annual Varieties.** Mixed. Pkt., 3c.

2444. **Segetum grandiflorum.** Single yellow. Extensively used for pot culture. Pkt., 3c.



CHRYSANTHEMUM CORONARIUM FL. PL.

PARIS DAISY.

PERENNIAL CHRYSANTHEMUMS.

The following varieties are for pot culture, for blooming in the house in winter, and for florists for cutting for bouquets.

2447. **Frutescens.** Known also as ***"Marguerite" or Paris Daisy.*** Very popular with florists. Large white, star-shaped flowers. 2 to 3 ft. Pkt., 5c.

2448. **Maximum** (Ox eye Daisy.) Its snow white flowers are produced in great abundance, and as cut flowers they keep a long time in water. 2 ft. Pkt., 10c.

2446. **Hybridized Japanese and Chinese.** These are the celebrated sorts which bloom in the late Autumn and are seen at the annual shows. ***Chrysanthemums plants raised from seed bloom the first year.*** From the strain of seed we offer have sprung in the past some of the most highly admired varieties of the time. The opportunity to add some distinct new candidate for prizes and honor among this class of plants will, we doubt not, be eagerly taken up by all lovers of this most fashionable flower. Pkt., 25c.

CALLIOPSIS OR COREOPSIS.

Although these produce the most beautiful flowers, because they grow anywhere they are slighted. Few annuals give such an abundance of large, bright flowers of the ***richest and most charming colors*** through the entire season as do these.

2455. **Atkinsoni.** A beautiful biennial; blooming the first season. Yellow and brown. Splendid for bouquets. 2 ft. Pkt., 3c.

2460. **Bicolor.** Golden yellow; centre brown; 1½ ft. Pkt., 3c.

2461. **Coronata.** Bright yellow flowers of large size. 1 ft. Pkt., 3c.

2466. **Drummondii.** (***Golden Wave.***) Plant bushy and compact, flowers yellow with circle of rich crimson-brown around the eye. For a mass of golden yellow this is very effective. Pkt., 5c.

2473. **Nigra.** Darkest of any. 1½ ft. Pkt., 3c.

2478. **Annual Sorts.** Mixed. Pkt., 3c.

2479. **Lanceolata.** ***Hardy perennial.*** Plants tall, 2 to 3 ft., flowers large, and of a bright golden yellow, are borne in great profusion. One of the most valuable of our summer flowering herbaceous plants. Excellent for cutting. If sown early they will flower the first season. Pkt., 5c.

CALLIOPSIS—GOLDEN WAVE.

CASTOR BEANS. See RICINUS.

2494. **COLLINSIA.** Splendid for massing in beds or for bordering. Many colors mixed. H. H. A. Pkt., 3c.

2445. **CLEMATIS, Large Flowering.** Beautiful climber with lovely flowers in blue, white, purple, etc. Hardy, can remain in a permanent situation. Mixed. Pkt., 10c.

For Clematis Plants—see list of Hardy Climbing Plants.

CLEOME PUNGENS.

(THE GIANT SPIDER PLANT.)

2507. This is a vaiuable honey producing plant and a ***perpetual bloomer.*** The flowers are bright rose-color. The long, slender seed pods reaching out in every direction are carried on long slender stamens, giving the effect of a ***many legged spider.*** H. H. Pkt, 5c.

COSMOS.

Plants 4 to 6 ft. high, with fine feathery foliage, the flowers resembling the single Dahlia, though smaller, of all shades of rose, purple and pure white, are abundant late in the fall—September to November. Started early in April in a box, and planted out in May, they will flower before frost, and if taken inside will flower freely, until the first of December; fragrant. For cutting this is one of the finest flowers grown. A.

MAMMOTH PERFECTION COSMOS.

2513. The flowers of this magnificent strain are double the size of the old Cosmos. Colors, white, pink or crimson. Mixed. Blooms very early. Splendid sort for pot culture in the house. Whatever you neglect the coming season, you should surely plant Mammoth Perfection Cosmos. Pkt., 10c.

2514. **Cosmos.** White. Valuable for florists. Pkt., 5c.

2515. **Best Colors Mixed.** Pkt., 5c.

COSMOS.

COBÆA SCANDENS.

COBÆA SCANDENS.

2499. Magnificent, rapid growing annual climber with large bell shaped purple flowers, adapted for out-door growth in summer also for the house and green house. A thrifty plant will often grow 20 to 30 ft. in one season. The seed should be planted edge down, and no water given unless in a warm place, and the soil becomes very dry. H. H. P. Pkt., 5c.

2504. **Cobæa Scandens.** White. Pkt, 5c.

2505. **CUPHEA Platycentra.** (***Cigar Plant.***) Flowers scarlet, tipped with black. A favorite bedding and pot plant. T. P. Pkt., 10c.

2506. **CLIANTHUS Dampieri.** The "Australian Glory Pea." A beautiful shrubby trailer. Flowers pea-shaped, in clusters, bright scarlet with clear, glossy black centre. Decidedly one of the most handsome flowers we know. 3 ft. H. H. A. Pkt., 15c.

COLEUS.

Handsome foliage plants ***most easily grown from seed*** and very popular for bedding also for pot culture. The new, large leaved Hybrids with foliage notched and fringed in the most wonderful manner are an immense improvement on the other sorts. Seed sown early in the spring will produce fine plants for outdoor planting. T. P.

2508. **Finest Varieties in Mixture.** 1 to 2 ft. Pkt, 10c.

2509. **New Large-Leaved Hybrids.** Very large and superbly variegated foliage. Mixed. Pkt., 25c

CYPRESS VINE.

(IPOMŒA QUAMOCLIT.)

2512. Popular climbing plant, with delicate fern-like foliage, star-shaped flowers, borne in clusters, just the thing to train on a veranda, over bird houses, etc. T. A. Mixed. Pkt., 3c.

BARNARD'S

PERPETUAL GREEN

LAWN GRASS SEED.

We mix it ourselves and know every package—large or small—is the same. Lb., 25c.; 5 lbs. for $1.00.

If to go by mail, add 8c. per lb. for postage.

CYPRESS VINE.

CYCLAMEN.

Tuberous rooted plants of beautiful foliage and handsome, fragrant flowers, scarlet, pink, white and these in different shades. Universal favorites for parlor or greenhouse for winter and spring blooming. They make flowering bulbs in one season if sown early in sandy soil. Comes easily from seed, insuring a supply of bulbs at trifling cost. G. P.

2518. **Persicum.** Best mixed varieties. Pkt., 20c.

GIANT FLOWERED CYCLAMEN.

A good specimen plant of this will frequently have fifty flowers open at one time. The leaves are proportionately larger, while the flowers are enormous, much brighter colored, and being on long, stout stems they are valuable cut flowers. Colors separate or mixed.

2522. **Light Red.** Pkt., 20c. | 2524. **White.** Pkt., 20c.
2523. **Dark Red.** Pkt., 20c. | 2517. **Mixed.** Pkt., 20c.

DAHLIA.

Tuberous rooted, fall blooming, outdoor plants, admired by everyone for their handsome flowers. Can be grown readily from seed which, if sown early in the house, will give blooming plants the same season. Colors, red, pink, white, yellow, purple, striped, variegated, etc. A packet of seed rarely produces two plants alike. Take up tubers soon as frost occurs in fall and preserve in a dry frost proof cellar. Two to four ft. H. H. P.

2525. **Double Large Flowered.** Sure to give splendid results. Pkt., 10c.

2526. **Single Mixed.** They make excellent cut flowers and are a mass of bloom all summer and fall. Star shaped flowers with broad petals in almost every color except blue. Pkt., 5c.

DELPHINIUM.—(LARKSPUR.)

Annual Varieties.

More commonly known as Larkspur. An old time annual of branching, erect habit, having showy flowers, red, white, blue, etc. Sow seed very early or even late in fall. Set branching sorts 2 feet apart. Rocket varieties, five or six inches apart.

2549. **American Banner.** Branching. Flowers crimson with stripes of indigo blue and white some petals dotted with blue. 2 ft. Pkt., 10c.

2550. **Hyacinth Flowered.** So called from their striking resemblance to a double Hyacinth. Habit compact. Colors white, delicate peach blossom, lavender and flesh tints. Mixed. Pkt., 10c.

2555. **Double Branching.** Valuable for cut flowers. Continues in bloom until cut down. Pkt., 3c.

2569. **Tall Rocket.** Mixed, fine. 1½ ft. Pkt., 3c.

2561. **Emperor.** Compact plant with numerous long spikes of brilliant double flowers; mixed. Pkt., 3c.

Perennial Varieties.

These are valuable plants for the permanent bed or border. Furnishing an ample supply of flowers.

2562. **Formosum.** Dark rich blue with a white center. 2 ft. Pkt., 5c.

2567. **Nudicaule.** Scarlet, dwarf, abundant bloomer. Fine for flower beds or pot culture. 1 ft. Pkt., 10c.

2568. **Pillar of Beauty.** Sky blue; of so bright a shade it must be seen to be appreciated. Pkt., 10c.

DOUBLE DAISY. (BELLIS PERENNIS.)

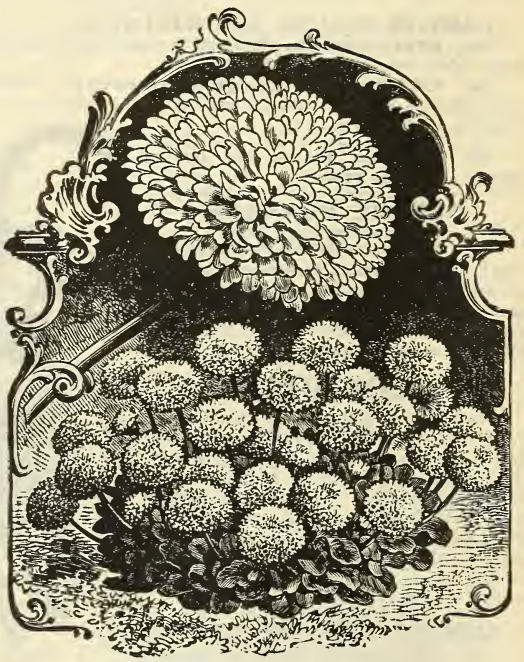
Charming plants indispensable for cool, shady places. Next to the Pansy the most popular garden flower. Seed sown early will give blooming plants in a short time. With protection Daisies will endure our winter and bloom in early spring. H. H. P.

2540. **Longfellow.** Double, dark pink flowers. Comes true from seed. Pkt., 5c.

2541. **Snowball.** A sport of Longfellow with pure white flowers. Free blooming and valuable for cutting. Pkt., 5c.

2542. **Double White.** Finest imported seed, saved from the most perfect flowers. A small proportion may come semi-double. Pkt., 5c.

2543. **Double Mixed.** An unsurpassed strain, including Longfellow and Snowball. Pkt., 5c.



DOUBLE DAISIES.

GIANT FLOWERED DAISIES.

2544. Remarkable for the enormous size and doubleness of their flowers. They are at least **two or three times larger** than the ordinary Double Daisies. The plants are stronger, bloom **earlier** and for a greater period. In color they run from snow white to blood red through pink, rose, etc. Mixed. Pkt., 10c.

2545. **Giant White.** The **best** double white Daisy. Enormous **pure white** flowers on long, stiff stems, making it valuable for cutting. Pkt., 10c.

DATURA.—(TRUMPET FLOWER.)

2527. Strong growing, branching plants, suitable for backgrounds and shrubberies. Trumpet-shaped flowers. White, lilac and yellow. Very showy. Mixed. Pkt., 5c.

2538. **Cornucopia.** (HORN OF PLENTY.) Leaves dark green, and the stem is brownish purple with a shining surface. The flower is trumpet-shaped, of immense size, often ten inches long and five inches wide at the mouth, with three cones or funnels, one within the other; the inside of tube of a delicate French white, marbled with royal purple on outside. Pkt., 10c.

DIGITALIS.—(FOX GLOVE.)

Showy plants of easy culture, with umble-shaped flowers borne in spikes. Prefer half shady place. 3 ft. H. P.

2539. **Splendid Mixture.** Three feet. Pkt., 5c.

Dianthus or Pinks.

Garden Pinks, like their relatives the Carnations, are flowers for everybody. They thrive in any soil, grow ten to fifteen inches high and are covered from early summer until overtaken by frost with beautiful sweet-scented flowers in various colors; variegated, striped, red, and some almost black. Splendid for bouquets. All bloom the first season, and some endure our winters, bloom again another year larger and more beautiful than before. With these good qualities they should have a place in every garden. H. B.

CHINA PINK.

For Hardy Grass Pinks See Page 82.

Double Flowering Pinks.

2570. **China or India.** Large flowers as double and fragrant as a Carnation. Many colors mixed. Pkt., 3c.

2574. **China White.** Double white flowers. Pkt., 5c.

2579. **Double White Japan.** Splendid flowers for bouquets. Two to three inches in diameter. Pkt., 5c.

2584. **Japan Pink.** In this will be found many beautiful colors. Very large flowers. Mixed. Pkt., 5c.

2589. **Striped and Fringed.** Grand fringed flowers of light grounds, all of them striped with some other color. Pkt., 5c.

2594. **Imperial.** Blood red ground striped with pink and white. Different from other striped sorts. Pkt., 5c.

2604. **Diadem.** Rich flowers generally of dark shades marked with black and white. Pkt., 5c.

2609. **Mourning Cloak.** One of the most striking flowers. Flowers are very double, of large size and in colors range from maroon and purple to almost velvet black, all sharply edged with clear white, making a beautiful contrast. Pkt., 7c.

2610. **MIXTURE OF DOUBLE PINKS.** All the above double flowering pinks mixed. ¼ oz., 15c.; pkt., 5c.

SPECIAL OFFER.

2646. **Single and Double Pinks Mixed.** All the varieties described on this page will make a bed of beautiful flowers; scarcely two plants will be alike in bloom. ¼ oz., 15c.; pkt., 5c.

MOURNING CLOAK.

PHEASANT'S EYE PINK.

Single Flowered Pinks.

Formerly only double flowers were favorites; the prevailing taste tends towards single varieties. These single pinks are notable for brilliantly colored flowers of large size.

2611. **Single Fringed.** Mixed. Pkt., 5c.

2612. **Japan.** Blotched, striped and spotted. Pkt., 5c.

2613. **Crimson Belle.** Crimson flowers, beautifully fringed. Pkt., 5c.

2614. **Eastern Queen.** Beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt., 5c.

2615. **The Bride.** Dwarf, growing only about six inches high. Flowers are wine-red, veined with crimson, with a margin of white. Pkt., 5c.

2616. **Superbus Telekii.** New. It is more vigorous and a taller grower than all other Pinks. Its flowers come single and double in great profusion and almost endless variety of colors. Will stand the winter with protection. Pkt., 10c.; 3 for 25c.

2617. **MIXTURE OF SINGLE PINKS.** All the above single pinks in mixture. ¼ oz., 15c.; pkt., 5c.

Hardy Perennial Dianthus.

These form nice bushy plants twelve to eighteen inches high. They are unrivaled for permanent beds or edgings around borders. Flowers are fragrant and beautiful.

Pheasant's Eye Pink. Large, handsomely fringed, fragrant flowers of white, crimson or purple shades, spotted and variegated.

2618. **Single.** Pkt., 5c. | 2623. **Double.** Pkt., 10c.

Dolichos or Hyacinth Bean.

2628. A rapid growing annual climber, desirable for covering arbors, porches, trellises, etc. Flowers purple and white. Its seed pods are purplish in color, highly ornamental and edible. Ten feet. Pkt. 5c.

DRACÆNA OR CLUB PALM.

Ornamental leaved plants for vases and house decoration. T. P.

2633. **Australis.** Long, narrow, graceful foliage. Pkt., 10c.

2634. **Indivisa.** Thin leaves. Pkt., 5c. | 2635. **Lineata.** Pkt., 10c.

ESCHSCHOLTZIA. CALIFORNIA POPPY.

Hardy annuals, useful for beds or massing. They begin to bloom in a few weeks from spring sown seeds and continue to flower until late in the fall. The State flower of California. The large, saucer-shaped flowers are of a beautiful yellow, orange or white, the foliage is finely cut, giving the plants an exceedingly showy appearance. One foot. H. A.

2651. **Mandarin.** A new and very beautiful single variety. The outer side of the petals are brilliant scarlet, side rich orange. Pkt., 5c.

2652. **Rose Cardinal.** The flowers are of rich rose-colored hue, most effective and beautiful; single. Pkt., 5c.

2653. **Single Mixed;** all colors. ½ oz., 15c.; pkt., 5c.

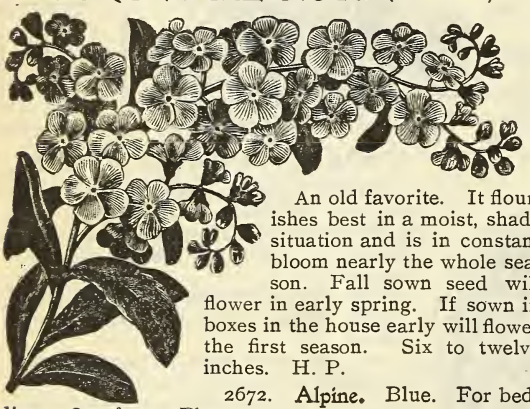
2655. **Double Mixed;** all colors. ½ oz., 25c.; pkt., 5c.

CALIFORNIA YELLOW BELLS.

EMMENANTHE PENDULIFLORA.

2656. Forms a broad bush eighteen inches to two feet high. Each of its branches is fairly loaded with bell-shaped drooping flowers of a delicate cream color. Excellent for bouquets. The flowers are almost everlasting, the corolla drying and retaining its shape until the seed has ripened. A. Pkt. 7c.

FORGET-ME-NOT. (MYOSOTIS.)



An old favorite. It flourishes best in a moist, shady situation and is in constant bloom nearly the whole season. Fall sown seed will flower in early spring. If sown in boxes in the house early will flower the first season. Six to twelve inches. H. P.

2672. **Alpine.** Blue. For bedding. One foot. Pkt., 5c.

2673. **Victoria.** Forms a neat compact bush about six inches high that at all times during the season is one mass of sky-blue flowers with yellow centers. A good sort for pot culture. Pkt., 5c.

2674. **Dissitiflora.** Compact habit, free bloomer. A bed of this when n bloom in spring is a lovely sight, a sheet of sky-blue flowers. Six inches. Pkt., 10c.

2680. **The Jewel.** A new and distinct variety of close, compact habit. Throws up forty to fifty flower stems of perfectly formed sky-blue flowers. Pkt., 10c.

2679. **Palustris.** The true Forget-Me-Not. Flowers dark blue with white eye. Pkt., 5c.

2681. **Mixed.** Small flowers, bushy growth. Pkt., 5c.

GERANIUM.

2682. **Single Mixed Zonale.** Pkt., 5c.

2683. **Apple Scented.** Leaves delightfully fragrant, prized for bouquets. Pkt., 10c.

GILIA.

Hardy annuals with finely cut foliage and clusters of small, delicate flowers, white, lilac and rose colored, desirable for cutting and especially suitable for bedding, rock work, etc. H. A.

2701. **Gilia.** Mixed colors. 12 inches. Pkt., 5c.

2702. **Dwarf White.** A pretty variety that is most desirable for beds on the lawn, parks or cemeteries. Pkt., 5c.

GREVILLEA. (SILK OAK.)

2704. Most profuse bloomer. A beautiful, graceful plant valued as a table decoration and when of large size for tropical effects on the lawn. 2 to 3 ft. G. P. Pkt., 10c.

EVERLASTING FLOWERS.

We group these under one head for convenience of ordering.

Everlastings or straw flowers as they are called are handsome plants, not only for beds and borders, but also as pot plants. They are of easiest culture and will grow in any soil. When the flowers are desired for drying for winter bouquets they should be cut before fully expanded and hung up in the shade to dry.

Any of the following, per pkt., 5c.; 6 pkts. for 25c.

2657. **Acroclinum.** Long stemmed, rose and white.

2662. **Gomphrena Globe Amaranth.** Mixed; all colors.

2663. **Helichrysum. Double Mixed.** Splendid for bouquets. Can be dyed to any desired color or shade.

2664. **Silver Ball.** Flowers immense size, double, white.

2665. **Helipterum Sanfordi.** A very pretty Everlasting. Flowers globe shaped; bright golden yellow.

2666. **Rhodanthe.** Richly colored flowers. Mixed.

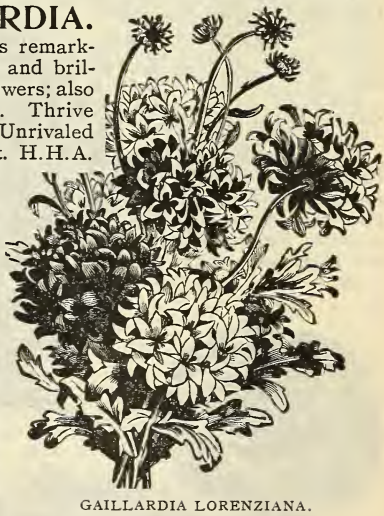
2671 **Xeranthemum.** Very double flowers. Mixed.

GAILLARDIA.

Bedding plants remarkable for the size and brilliancy of their flowers; also do well in pots. Thrive in any soil. Unrivaled for cutting; two ft. H. H. A.

2693. **Grandiflora Superba.** Splendid new variety dark red with bright yellow border. Pkt. 5c.

2694. **Picta Lorenziana.** One of the most useful annuals both for bedding and cutting. Saved from the finest double flowers of different shades varying from sulphur-yellow to purple. Pkt., 5c.



GAILLARDIA LORENZIANA.

2695. **Mixed.** Single. Pkt., 5c.

2696. **New Perennial Hybrids.** Flowers much larger than the older sorts and colors more brilliant and varied.

GOURDS.

Climbers with curiously shaped fruit in various colors; of rapid growth, suitable for covering walls, trellises, etc. 20 to 30 ft. T. A.

2697. **Nest Egg.** Fruit resembles in color, shape and size the eggs of hens and is far superior to glass nest eggs. Pkt., 5c.

2698. **Dish Cloth.** The matured fruit will furnish a natural dish cloth, sponge-like and porous, such as are sold in our prominent drug stores. The fruit grows about two feet in length. Pkt., 5c.

2699. **Sugar Trough.** Holds a gallon when well grown. Pkt., 5c.

2700. **Ornamental Gourds,** all kinds mixed. ½ oz., 20c. Pkt., 5c.

GODETIA, WHITE PEARL.

HELIOTROPE.

HOLLYHOCKS.

HUMULUS JAPONICUS.

GLOXINIA.

Strikingly beautiful greenhouse plants. The magnificent colored flowers are large and bell-shaped, with blotched and spotted throats; 1 foot. T. P.

2703. **Choice Mixture of large flowering sorts.** Pkt., 25c.

GODETIA.

The dwarf and compact growing plants are literally covered with handsome flowers of the most brilliant colors. They are of easiest culture, will bloom well in any situation, and are deserving of more extended cultivation. H. A.

2705. **White Pearl.** Flowers pure white, borne three or four together; especially showy in dwarf beds. Pkt., 5c.

2706. **Bijou.** Pure white with carmine eye, Pkt., 3c.

2707. **Lady Albemarle.** Flowers three inches across, crimson and carmine, suffused with lilac. Pkt., 3c.

2708. **Lady Satin Rose.** Bright rosy pink. Rich. Pkt., 5c.

2709. **The Bride.** White, crimson center. Pkt., 3c.

2710. **Finest Mixed.** Pkt., 3c.

GYPSOPHILA.

Graceful plants, full of numerous small flowers that are almost indispensable in bouquet making. They bloom the first year from seed.

2711. **Elegans.** White. 6 inches. H. P. Pkt., 3c.

2712. **Paniculata.** White. 2 ft. P. Pkt., 3c.

HELIOTROPE.

Heliotropes can be grown as readily from seed as Pansies or Verbenas. Sow in open ground in May, and the plants will bloom in August, and earlier if the seed is started in the house.

2723. **Dark Varieties Mixed.** Flowers deep blue, dark purple, some almost black. All very fragrant. Pkt., 5c.

2724. **Mammoth Flowered.** Flowers are twice the size of the older species, fragrance remarkably sweet, and the colors run from pure white to deep indigo. Pkt., 10c.

2732. **Mixed.** Many varieties and colors. Pkt., 5c.

HOLLYHOCK. (ALTHEA.)

Our Hollyhocks are grand, perfectly double, and of the most brilliant colors. The spikes of this strain are extraordinarily large and the flowers of most perfect form. Seed has been saved with greatest care from the choicest specimens only. Should be sown in June and July to get blooming plants the next summer. Early sown seed will occasionally bloom the first season. H. P.

2740. **Double White,** Pkt, 5c.
2741. —— **Crimson.** Pkt., 5c.
2742. —— **Salmon.** Pkt., 5c.
2755. **Double Pink.** Pkt., 5c.
2748. —— **Yellow.** Pkt., 5c.
2753. —— **Maroon.** Pkt., 5c.
2743. **Mixed Colors,** above and others. Pkt., 5c.

CHATER'S SUPERB DOUBLE HOLLYHOCKS.

2754. Among florists this is considered the best strain in the world. The spikes are closely crowded with lovely double flowers, three to four inches across, as perfect as a Camellia, and all of the brightest colors. Those who have never seen Hollyhocks grown from Chater's strain will be surprised beyond measure at their great superiority. Mixed. Pkt., 15c.

(*For Hollyhock Roots, see List of Plants and Bulbs.*)

HUMULUS JAPONICUS. (JAPANESE HOP.)

2766. This splendid climber in foliage resemble the old-time Hop but the foliage is more dense and exceedingly luxuriant, somewhat rough and hairy. Seed sown in the open ground in spring will produce very large plants in wonderful short time. Insect proof, withstands heat and drought and remains fresh until late in the fall. Pkt., 10c.

2767. **Variegated Hop.** For an unusually attractive climber we especially recommend this. It is just the thing to cover fences, rustic houses, etc. The leaves are distinctly marked and blotched white with yellow. In some cases the color approaches to almost white and again entirely green. The very dense and beautifully marked foliage remains on the vine until cut down by frost; the weather or insects have no effect upon it. Pkt., 10c.

MINIATURE SUNFLOWER.

* HELIANTHUS OR SUNFLOWER. *

Among the showiest and stately old-timers of the garden. In addition to the Mammoth Russian Sunflower so extensively cultivated for its seeds which are fed to poultry, we have included a few that make good plants for lawns, along fences, etc. The foliage of some is very handsome; others attract attention from their size. H. A.

SINGLE VARIETIES.

2714. **Macrophyllus Giganteus.** Of branching habit, single, yellow flowers, about eighteen inches in diameter. 8 ft. Pkt., 3c.

2715. **Miniature.** Flowers single bright orange, elegant in form, suitable for bouquets as they measure only about two inches across. Plants dwarf and very bushy with fine foliage. Bloom from July until frost. 3 ft. Pkt., 3c.

2716. **Mammoth Russian.** Flowers of immense size, from 16 to 20 inches in diameter. Seeds are used to feed birds and poultry. Pkt., 3c.; lb., 18c. postpaid. Not prepaid, 25 lbs., $1.50.

DOUBLE VARIETIES.

2717. **Californicus Fl. Pl.** Extra large orange flowers. Pkt., 3c.; oz., 10c.

2718. **Globosus Fistuolosus.** Globular, very large, double orange flowers. The most effective of Sunflowers. 6 ft. Pkt., 3c.; oz., 10c.

2719. **Green-Centered** (SCULATUS VIRIDIS.) Double yellow flowers with green center when young. Five to eight ft. in height. Pkt., 5c.

2720. **Mixed Sunflowers.** A splendid assortment of a dozen of the best varieties grown together on our grounds. It includes some which are both curious and desirable. Pkt., 3c.; oz., 10c.

SPECIAL OFFER: One packet each of above six Sunflowers for 15c.

LANTANA.

2791. Bushy plants with large heads of variously colored flowers, orange, white, rose and others, with spicy fragrance. The flowers change color with age and are succeeded by deep blue berries. Lantanas grow very rapidly, requiring space to spread. Two feet. Pkt., 10c.

LOBELIA.

The cultivated herbaceous Perennial Lobelias have graceful foliage and beautiful flowers. The **Erinus** or hanging varieties are used for baskets, vases, etc., and the *compact* sorts for pots, borders and carpet bedding. They flower freely the first year from seed. T. P.

****ERINUS VARIETIES****

Six to ten inches.

2810. **Alba.** White. Pkt., 5c.

2809. **Speciosa.** Bright blue; for hanging baskets or vases. Pkt., 5c.

2811. **Formosa.** Habit same as Speciosa. Flowers are nearly scarlet. Pkt., 10c.

COMPACT VARIETIES

Four to six inches.

2812. **Barnard's Perpetual.** First sent out by a noted English seed grower. The flowers are of the most brilliant ultramarine blue, strikingly marked with a pure white blotch at base of each of the two lower petals. Pkt., 10c.

2808. **Crystal Palace Compacta.** Deep blue. Splendid bedder. Pkt., 5c.

2807. **Emperor William.** Light blue; pkt., 5c.

PERENNIAL LOBELIA.

2819. **Queen Victoria.** Dark scarlet flowers; dark leaves; very showy; three feet. Pkt., 10c.

2814. **Lobelia.** Varieties mixed. Pkt., 5c.

Ice Plant

MESEMBRYANTHEMUM.

Beautiful dwarf growing plant with waxy-like foliage, which sparkles in the sun, and lovely little flowers. Splendid for hanging baskets and rockwork. Stands sun and drought admirably. H. H. A.

2780. **Crystallinum.** The whole plant covered with ice-like secretions; flowers purple. Pkt., 5c.

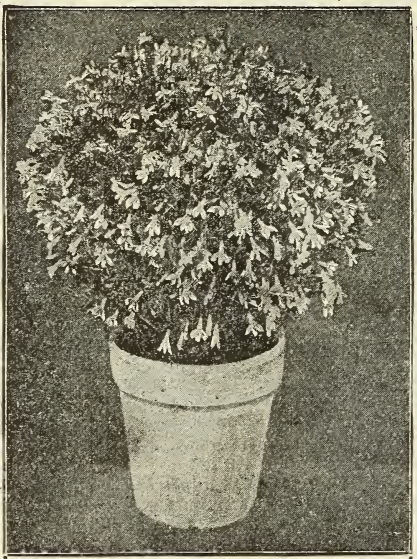
2785. **Cordifolium Variegatum.** The light colored leaves are very attractive for ribboning. Pkt., 5c.

ICE PLANT.

Impatiens Sultani.

2774. **A Balsam from Zanzibar, Africa,** blooming almost continuously winter and summer. Its rosy carmine flowers have a delicate, waxy appearance and are borne in great profusion. Its easy culture and vigorous growth make it a general favorite as a house or garden plant. Pkt., 10c.

2775. **Sultana Hybrida.** Remarkably beautiful hybrids of this much admired plant in various shades of colors, delicate pink, rose, violet and others. Mixed. Pkt., 20c.



2813. **LOBELIA, White Gem.**

A COMPACT variety which forms a ball of *pure white* flowers, best of its color for beds and edgings. Splendid for pots; blooms in four weeks; pkt., 5c.

IPOMŒA. See Moonflower.

JERUSALEM CHERRY.

(SOLANUM CAPSICASTRUM.)

2790. A shrub that succeeds well in pots. Dark green leaves, but especially admired for its small, pepper-shaped scarlet fruit. One foot. G. P. Pkt., 10c.

KENILWORTH IVY.

(LINARIA.)

2801. Hardy little climber and a valuable trailing plant. Clings to walls, etc., and is useful in baskets. Neat foliage and small, lavender colored flowers. P. Pkt., 5c.

LAVENDER.

2796. Sweet scented, shrubby perennial, with blue flowers. Its dried heads are used to impart an agreeable fragrance to linen closets. Pkt., 5c.

LINUM.

2802. A flax, with beautiful scarlet flowers and pretty foliage. Pkt., 5c.

2803. **Perennial Linum.** Mixed varieties. Pkt., 5c.

LANTANA.

LATHYRUS. (EVERLASTING OR HARDY SWEET PEAS.)

2835. Climbers growing six to eight feet. Flowers red, white and flesh colored. The roots penetrate the ground to a great depth and survive our winters. Mixed. Pkt., 5c.

LUPINS OR SUN DIALS.

Easily grown showy plants, useful for beds and borders. Thrive in any soil. They have long spikes of pea-shaped flowers. Two to three feet. H. A.

2804. **Tall Varieties Mixed.** Pkt., 5c.

2805. **Dwarf Varieties Mixed.** Pkt., 5c.

2806. **True Blue.** This will please those who admire blue flowers. They are of large size and deep rich color. Pkt., 5c.

LYCHNIS. RAGGED ROBIN.

2834. An old time border plant; produces large heads of brilliant scarlet flowers. Succeeds in any good garden soil. Easy culture, blooms first year from seed. Two feet. H. P. Pkt., 5c.

LINUM.

MARIGOLD. (TAGETES.)

Old time favorites of the garden. The flowers are very double and make a splendid effect in mixed beds or borders; useful as pot plants also. The easy culture and extreme showiness should secure them a prominent place in every flower garden. H. H. A.

DOUBLE AFRICAN MARIGOLDS.

2851. **El Dorado.** Flowers extra large, measuring from 3½ to 4 inches across; varying in shades from a primrose yellow to a deep orange. A robust grower and great bloomer. 3 ft. Pkt., 3c.

2856. **Lemon Queen.** The best type of the African Marigold. Grows about 18 inches high and is covered with large, light lemon flowers. Pkt., 3c.

2858. **Double African, Mixed.** The best varieties. Pkt., 3c.

FRENCH MARIGOLDS.

2859. **Legion of Honor.** The most showy of the Dwarf Marigolds. Flowers rich golden yellow marked with velvety brown. Plants are insect and drought proof and continuous bloomers. Pkt., 5c.

2860. **Dwarf Gold Striped.** Yellow and maroon. Pkt., 3c.

2865. **Choice Mixture** of Dwarf sorts. Pkt., 3c.

(*For Cape or Pot Marigold—see Calendula.*)

MARIGOLD, EL DORADO.

MARVEL OF PERU.

(FOUR O'CLOCK MIRABILIS.)

Flowers open in the afternoon, hence name "Four o'Clock." Old fashioned, but none the less beautiful. The plant is large, and requires four feet of space; makes a pretty hedge. The flowers are funnel-shaped, white, red and striped; very fragrant, and opens about 4 o'clock in the afternoon, remaining open all night, and generally perish before noon the next day. Will grow in any common garden soil from seed sown in open ground. H. A.

2871. **Fine Mixed Colors.** 2 ft. Oz., 15c.; pkt., 3c.

2872. **Tom Thumb.** Dwarf variety with variegated foliage. 9 inches. Pkt., 3c

MARVEL OF PERU.

MATRICARIA. (FEVERFEW.)

Pretty free blooming plants, very popular for bedding and pots. H. H. P.

2874. **Capensis, fi. pl.** Double white, fine. Pkt., 5c.

2875. **Exima Crispa, fi. pl.** Double white flowers and pretty curled foliage. Height, 8 inches. Pkt., 5c.

MAURANDIA.

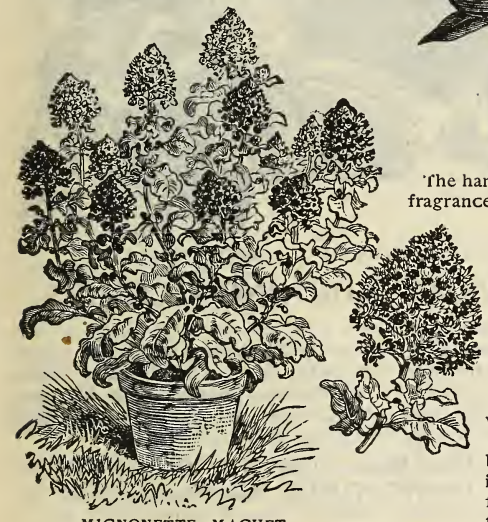
2884. Pretty climbers of rapid growth, flowering freely the first year from seed. 10 ft. T. A. A good collection of colors. 5c.

MESEMBRYANTHEMUM.

(*See Ice Plant.*)

MIMOSA PUDICA. (Sensitive Plant.)

2916. A very interesting plant; the finely cut fern-like leaves closing if touched or shaken. Pkt., 5c.



MIGNONETTE, MACHET.

MIGNONETTE. (RESEDA.)

The hardiest annual in cultivation and a universal favorite for its sweet and delicate fragrance. The newer varieties named below in capitals are valuable improvements

2892. **LARGE FLOWERING.** The common Sweet Mignonette. Oz., 15c.; pkt., 3c.

2896. **AMELIORATA.** Red flowered. Pkt., 3c.

2899. **Gabriele.** Red, very fine, robust; excellent for pots. Pkt., 5c.

2905. **Golden Queen.** Flowers of a golden shade, very fragrant. 5c.

2906. **Victoria.** A beauty in every respect. Dark, glossy green foliage, pretty red flowers, large and of fine form. Grows about 6 inches high. Fine for pots. Pkt., 5c.

2907. **PARSON'S WHITE.** Very fragrant, nearly white Pkt., 5c.

2908. **Miles' Spiral.** Plant dwarf, branching habit. Flowers white, very fragrant. Spikes 8 to 12 inches long. Pkt., 5c.

2914. **MACHET.** The flower spikes are very broad and long, and the red flowers exceedingly fragrant. It is one of the best varieties for pot culture and bedding, and extensively grown by florists. Pkt., 5c.

2913. **Extra Choice Mixture.** Oz., 25c.; pkt., 3c.

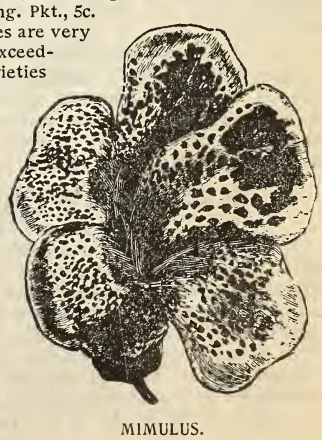
MIMULUS. (Monkey Flower.)

Very showy and admirable pot plants, also suitable for bedding. The charming flowers are spotted and blotched in extremely rich colors. The plants succeed best in moist soil and shaded places; although half hardy perennials, they are usually treated as annuals.

2919. **Moschatus.** (*Musk Plant.*) The foliage emits a strong musky perfume. Pkt., 5c.

2920. **Tigrinus.** Striped and spotted. Extra mixed. 2 ft. Pkt., 5c.

2926. **Emperor.** The large and beautiful flowers are most showy and attractive. It is not only a great favorite in pots, but does nicely in shady places. Pkt., 5c.



MIMULUS.

MUSA ENSETE. (ABYSSINIAN BANANA.)

2935. Large-leaved plants making a tropical effect planted on the lawn. They are of remarkably quick growth, often attaining a hight of 10 to 15 ft. the first season. The seeds should be sown early in the house, the plants frequently repotted and stimulated with liquid fertilizer, and the pots kept plunged. Pkt., 15c.

New... Imperial JAPANESE MORNING GLORIES.

GIGANTIC FLOWERS.

MAGNIFICENT FOLIAGE.

EXQUISITE NEW COLORS.

2945. Were sent out for the first time last season with the assurance that they would prove a surprise to all, our claims for their marvellous beauty as made in our last catalogue have been more than fulfilled. In our trials last summer they were the first to elicit the admiration of visitors.

The leaves are large, **heart-shaped,** many of them a rich dark color, **marbled with silvery white or yellow.** The flowers are really gigantic, double the size of the ordinary kind. Their varieties of color are infinite, running from snowy white through all possible shades of blue, and of red, from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion. The Imperial Japanese Morning Glories are of the easiest culture. But as the seed is hard or flinty, before sowing treat as follows: *Draw a sharp knife across one edge of the seed,* just enough to cut through the shell, then soak in luke-warm water long enough to have seed swell to double the size they were when dry. Sow in May in a warm sunny position in good rich soil, and give plenty of water in dry weather. Price per pkt., 10c.; 3 for 25c; oz., 50c.

NEW IMPERIAL MORNING GLORIES.

TALL MORNING GLORIES.

The old fashioned Morning Glory is the standard climber of every flower lover. It is as easy to grow as a weed and will reach a height of 20 feet in one season. Should be sown early and where intended to bloom. Flowers of every shade of white, crimson, rose, blue and striped.

2946. **Finest Mixed.** Many colors. Oz., 10c. Pkt., 3c.

2948. **HEAVENLY BLUE.** Foliage very large, heart-shaped; steel-blue flowers, a color rarely seen. They measure 4½ to 5 inches across and are produced in clusters. A fine variety to grow in the greenhouse but does well out of doors. Pkt., 10c.

MOONFLOWER. (IPOMŒA.)

Evening Glory.

2955. Moonflowers resemble Morning Glories in habit, rapid growth and large flowers. The vines are literally covered with pure white, sweet-scented flowers 4 to 6 inches in diameter which open in the evening and remain expanded until the following day. They require rich ground, a sunny position and a liberal supply of water to secure the best results. Grown under these conditions will sometimes reach a height of 50 feet during the season. H. H. A. Pkt., 10c.

DWARF MORNING GLORIES.

The flowers of these while of the same shape as the tall Morning Glory, contain a greater variety of colors and remain open the entire day. To this class might well be given the appellation **Everblooming Morning Glories** for they bloom from June until fall. Well adapted for hanging baskets and rockeries.

2950. **Finest Mixed.** Many colors. Oz. 10c. Pkt., 3c.

2952. **CONVOLVULUS Mauritanicus.** Fine for hanging baskets. Beautiful blue flowers. Pkt., 3c.

New Climbing Nasturtium.

HYBRIDS OF MADAME GUNTER.

3077. A new section obtained by artificial hybridizing. The plants make a strong growth, climbing from five to six feet high, and are distinguishable for the **richness and variety of colorings** in the flowers. There are shades of rose, salmon, pale yellow, dark maroon as well as striped and blotched. So ornamental is this new strain and constant in bloom it is worthy a place in every garden. Large pkt., 10c., 2 for 15c. Oz., 20c.

For other Nasturtiums see next page.

NASTURTIUMS.

See also NOVELTIES.

DWARF OR BEDDING NASTURTIUMS.

NASTURTIUMS are showy, popular annuals, but many of the newer and most beautiful sorts are known to a comparative few. When planted in poor soil they seem to bloom longer and are much more brilliant in coloring. They succeed under any circumstances, heat nor drought, do not effect them. The bedding varieties make a charming effect. As the cost of the seed is so low we recommend a trial of a number of sorts and especially the new kinds.

Our Imperial mixtures will, we are certain, prove a delight to all who use them. The seeds if picked green make an excellent substitute for capers.

See preceeding page for new Nasturtium.

DWARF OR BEDDING NASTURTIUMS.

Price, any kind, oz., 20c.; pkt. 5c., except where noted.

3094. **Scarlet King.** Brilliant color.
3095. **Rose.** A delicate shade. Very attractive.
3096. **Yellow.** Light yellow; no blotches.
3097. **Crystal Palace Gem.** Sulphur, spotted maroon.
3098. **King of Tom Thumbs.** Deep scarlet flowers.
3099. **Spotted King.** Orange, spotted with maroon.
3100. **Ruby King.** Ruby red; dark foliage.
3082. **Cœrulea Rosea.** Beautiful peach color.
3087. **Gen'l Jacqueminot.** New. Almost identical in color with the well known Rose of the same name.
3092. **Prince Henry.** New. Cream color, marbled with scarlet. Dark foliage. Very handsome.
3107. **Pearl.** Straw color; fine for contrast.
3108. **Beauty.** Light scarlet, splashed canary.
3109. **King Theodore.** Dark, scarlet maroon.
3114. **Empress of India.** Brilliant crimson; dark foliage.
3119. **Cloth of Gold.** Foliage golden yellow, flowers scarlet.
3124. **Lady Bird.** Orange yellow, red spots.
3125. **Aurora.** New. Chrome yellow, the lower petals veined with purplish carmine.
3126. **Mixed Colors.** The above and some others. Pkt., 3c.; oz., 15c.; ¼ lb., 50c.

TALL OR CLIMBING NASTURTIUMS.

Price, any kind, oz., 15c.; pkt., 5c., except where noted.

3127. **Rose.** | 3128. **Orange.** | 3138. **King Theodore.** Maroon.
3148. **Yellow.** | 3149. **Purple.**
3150. **Crimson.** | 3155. **Chocolate.**
3160. **Scarlet Striped.** | 3161. **Scarlet.**
3166. **Straw Spotted.** | 3167. **Pearl.**
3168. **Scarlet and Gold.** Bright yellow foliage; flowers crimson scarlet.
3169. **Mixed Colors.** Contains all above and some other beautiful sorts. Pkt., 3c.; oz., 15c.; ¼ lb., 50c.

LOBB'S NASTURTIUMS.

Much more brilliant in coloring than the Tall sorts. Splendid for hanging baskets, etc. ***Price, any kind, oz., 15c.; pkt., 5c.***

3185. **Cardinal.** Dark cardinal red; superb.
3190. **Giant of Battles.** Sulphur, spotted with red.
3191. **Lucifer.** Richest, velvety deep crimson.
3192. **Napoleon III.** Golden, striped carmine.
3197. **King of the Blacks.** Very dark deep brown.
3198. **Spitfire.** Brilliant scarlet; very effective.
3199. **Lobb's Nasturtiums, Mixed.** The above six splendid sorts and others. Pkt., 5c.: oz., 15c.

COLLECTIONS — of — CONSTANT BLOOMING NASTURTIUMS. All postpaid.

3177. **6 pkts. Tall Varieties,** our choice, one of each, 25c.
3178. **6 pkts. Dwarf Sorts,** different col., our choice, 25c.
3179. **12 pkts. Half Tall, half Dwarf,** our selection, 40c.
3180. **12 pkts. Assorted Colors,** our selection, 6 Dwarf varieties, 3 Tall, 3 Lobb's, 40c.

IMPERIAL NASTURTIUM MIXTURES.

3170. These superb mixtures, made by ourselves, include all the varieties in our lists and some others. They will make a display of colors far surpassing in effect any thing we can describe. We offer either Dwarf or Tall.

Extra large packet, 10c.; oz., 25c.; ¼-lb., 75c. postpaid.

NICOTIANA.

Large and beautiful flowers of delicious fragrance, very ornamental as pot plants or in groups. Of easy culture. A.

3043. **Affinis.** (***Sweet Scented Tobacco Plant.***) Produces freely deliciously scented large white tubulous flowers. If taken up in fall and potted it will bloom in the house during winter. 2 ft. Pkt., 3c.

NIEREMBERGIA.

Very pretty free-flowering plants that need the same treatment as Petunia. H. H. A.

3053. **Frutescens.** White and lilac; very free bloomer. 5c.

OENOTHERA. (Evening Primrose.)

The curious habit of the flowers, opening just before sundown and closing before noon next day has made this genus known under the name of Evening Primrose. They embrace beautiful colored varieties, mainly of yellow shades, and are well worthy of cultivation.

3071. **Hardy Annual Varieties Mixed.** Pkt., 3c.
3072. **Best Hardy Perennial Varieties Mixed.** Pkt, 5c.

MEXICAN PRIMROSE.

3168. **Œnothera Rosea.** This greatly advertised plant is very useful for cultivation in pots or outdoors. Flowers, bright pink with white center. Comes readily from seed. Pkt., 5c.

LOVELY EXQUISITE PANSIES

See colored plate front cover of this book.

The seed may be sown in the hot-bed or open ground. If sown in the spring, *get in early so as to secure flowers during the early rains and before the hot weather* of July and August. Seed sown in May and June will produce very fine flowers in September and October, or after the first fall rains and cooler weather.

For Some New and Elegant Pansies *See Front Pages.*

VARIOUS MIXTURES.

3249. Florists, it may truthfully be stated, sell more Pansy plants *in bloom* in early spring than any other flower. We supply them largely with the seeds of which this mixture is composed. They grow Pansy plants up to the standard of highest excellence in cool, deep, moist beds, shaded from the afternoon sun, made rich with fertilizers and kept free from weeds. **Grand Pansies come from this seed.** Dark ones, smooth and of a velvety substance, light and steel blues, slate and mouse-colored. Reds, the nearest approach to scarlet, satiny white, coal black, striped and spotted—almost every imaginable color. In size they are enormous, thick petaled flowers. We can say with confidence that upwards of one hundred *distinct Pansy flowers* could be picked at one time from a bed grown from this seed. *It is the very best that can be had or money will buy.* Pkt. 20c; 3 for 50c; ⅛ oz. $1.50.

BARNARD'S FLORISTS' MIXTURE.

GIANT PANSIES, In Separate Colors.

In form and size of flower Giant Pansies excel all others.

Per pkt., any of the following, 7c.; 4 (7c.) pkts. or 3 (10c.) pkts. for 25c., *except where noted.*

3253. **Bugnot's Superb.** Velvety flowers, each one having a dark colored blotch, upper petals delicately veined.

3254. **Cassier.** Of splendid substance, three to five spotted. Showy and rich.

3255. **Giant Parisian.** Flowers as large as Trimardeau, much superior in coloring.

3256. **Giant Trimardeau.** The blossoms are simply enormous, perfect in form and run through all the varieties of colors. Pkt. 5c; ⅛ oz. (500 or 600 seeds) 20c.

3257. **Auricula Colors.** Beautifully shaded.

3063. **Giant Aurora.** Large pure white, 10c.

3263. **Giant Azure Blue.** Fine.

3264. **Giant Coal Black.** Deep, jet black.

3265. **Giant Copper Color.** We have this strain.

3270. **Giant Dark Purple.** Rich velvety, 5c.

3280. **Giant Emperor William.** Ultramarine blue. A lovely shade.

3281. **Giant Five Spotted.** Handsome flowers; petals blotched.

3290. **Giant Lord Beaconsfield.** Violet, shading to white above.

3291. **Giant Snowflake.** Pure white, of good form, 10c.

3292. **Giant Spotted White.** Pure white, three lower petals blotched with violet.

3293. **Giant Striped.** Large, showy flowers, shaded and striped, 5c.

3294. **Giant Yellow.** Blotched with brown, 10c.

3295. **Giant Yellow Gem.** Without eye, 5c.

3296. **Giant Violet Blue.** The color is most distinct, resembling that seen in violets. A new and sure to be appreciated shade. Pkt. 10c.

SPECIAL OFFER: The entire collection of Giant Pansies, 20 packets (including mixed), for $1.00 net. No further discount.

GIANT PANSY MIXTURE.

3250. We give this name to a very careful selection and judicious blending in correct proportions of *Giant Flowered* Pansy seeds. By their use the purchaser is enabled to obtain in one packet seeds of all the different varieties we name as well as some beautiful sorts not found in any list. In this mixture will be found the highly prized spotted Pansies, marked with three to five blotches on white or richly colored grounds, the charming violet blues and many others of surpassing shadings and markings. Our **Giant Pansy Mixture** is up to date, all really desirable large circular Pansies being included in its make-up. Pkt. 15c., 2 for 25c; ⅛ oz. $1.

PRIZE PANSY MIXTURE.

3251. **The best Pansies for bedding.** Almost an endless variety of all shades of color, including such famous sorts as Cardinal Red, Peacock Blue, light and dark marbled, and five-spotted. They are all of sturdy and even growth. Pkt. 3c.; ⅛ oz., 25c.

PRIZE PANSIES, In Separate Colors.

Per pkt., any of the following, 3c.; 6 (3c.) pkts. for 15c., *except where noted.*

3306. **Azure Blue.**

3311. **Black.** Very dark.

3312. **Black and Crimson.**

3323. **Bronze Colored.**

3324. **Brown Shades.**

3325. **Candidissima.** White.

3326. **Cardinal.** Brown, scarlet, 8c

3336. **Dark Purple.** Rich.

3337. **Emperor Frederick.** Purple, scarlet and yellow, 10c.

3338. **Emperor William.** Blue with purple eye.

3339. **English Face.** Blue.

3345. **Fire-King.** Yellow, upper petals purple.

3346. **Golden Gem.** Yellow.

3347. **Gold Margined.**

3348. **Havana Brown.** Glossy.

3349. **Light Blue.**

3350. **Lord Beaconsfield.** Lavender shade of blue.

3351. **Mahogany Colors.**

3352. **Mottled and Striped.**

3353. **Odier, or Five-Blotched** flowers. Beautiful, 5c.

3359. **Peacock.** Maroon, purple and peacock-blue, 8c.

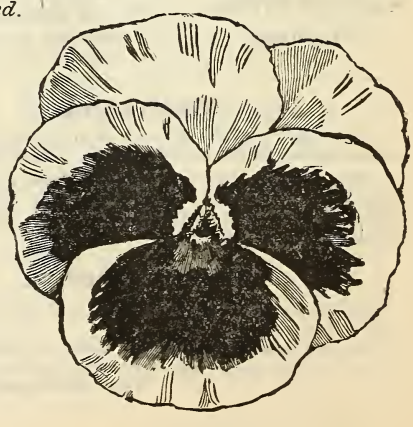
3360. **Prince Bismarck.** Bronze.

3361. **Purple, white edge.**

3362. **Quadricolor.** Steel-blue edged with red and white.

3363. **Silver Edge.** Dark ground.

3365. **Victoria.** Red, a rich and beautiful shade, 8c.



PETUNIA—SUPERBISSIMA.

PETUNIAS.

Petunias like pansies are flowers for everybody. The tiny garden in the yard, or the beautiful beds seen in the parks of great cities are not complete without Petunias. They are most easily grown, and from early summer to late fall they are loaded with flowers; heat, rain or drought do not effect them. The seeds being very small would better be started in the house, afterwards transplanting the plants one foot apart in the place where they are to bloom. As pot plants Petunias have very few superiors. H. H. A.

SINGLE VARIETIES—Small Flowering.

For very showy beds the small flowered varieties are best.

2960. **Fine Mixed.** Very choice seed. Excellent for bedding. ⅛ oz., 15c.; pkt., 3c.

2961. **Dwarf Inimitable.** Bushy plants, 5 to 8 inches high. Cherry red flowers with white star. Pkt., 5c.

2962. **Blotched and Striped.** All colors. Fine for pots, window boxes and bedding. ⅛ oz., 20c. Pkt., 3c.

2963. **Countess of Ellesmere.** Of dwarf habit. Suited for pots and low beds. Pink, with white throat. Pkt., 3c.

2964. **Pure White.** The best to use for cemetery purposes. Pkt., 5c.

2965. **Snowball.** Compact variety, excellent for pot culture. Height, 8 inches. Covered all season long with satiny white flowers. Pkt., 20c.

LARGE FLOWERING.—Single.

Flowers almost twice the size of ordinary Petunias.

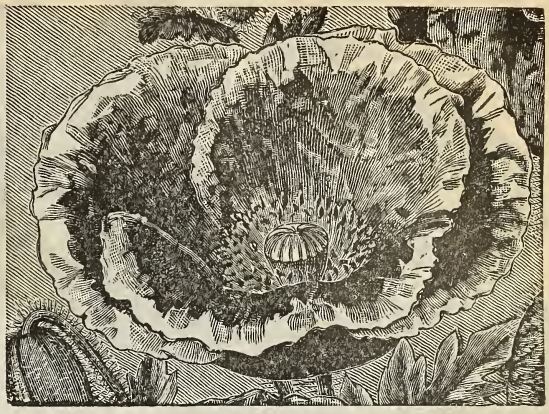
2968. **Giants of California.** The flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, often five inches across. Their great merits lie in the innumerable variety of colors, with markings, veinings, blotchings, and stripings in the most grotesque and beautiful combinations. Pkt., 15c.

2970. **Fringed.** (FIMBRIATA.) Flowers 4 to 5 inches across of great variety of colors and markings. Deeply fringed. Pkt., 15c.

2971. **Superbissima.** Handsome purple, velvety flowers with veined throats. They are among the finest in form, substance and size. Pkt., 20c.

2973. **Green Margined.** Rose colored flowers with veined throats, margined with light green. Pkt., 20c.

2974. **Large Flowering Single Mixed.** Will bring large beautiful flowers of superb colors and markings Pkt., 10c.



SHIRLEY POPPY.

DOUBLE FLOWERING PETUNIAS.

Saved from double flowers artificially hybridized.

A certain proportion will come single or semi-double.

2980. **Lilliput.** Bushy plants. Small double flowers spotted and striped. Pretty for pots. Pkt., 25c.

2981. **Dwarf Inimitable.** Striped and blotched. 25c.

2982. **Fringed.** Extra large flowers. Pkt., 35c.

2983. **Pure White.** A splendid strain that will produce very fine double flowers. Pkt., 35c.

2984. **Barnard's Double Mixed.** Hybridized and imported seed from a famous European Petunia specialist. Sure to produce grand flowers. Pkt., 25c.

POPPIES.

SINGLE ANNUAL POPPIES.

2993. **TULIP POPPY.** So called from the great similarity of its vivid scarlet single flowers to those of the Scarlet Duc Van Thol Tulip. After a time two black spots appear at the base of the petals. Constant and profuse bloomer. Pkt., 5c.

2994. **SHIRLEY.** Generally single, sometimes semi-double, colors range from white, rose, pink and carmine to bright, sparkling crimson. Pkt., 3c.

2995. **Danish Flag.** Brilliant scarlet flowers with white cross in center. Pkt., 3c.

2996. **Single Poppies, Mixed.** Many colors, ½ oz. 15c., Pkt., 3c.

DOUBLE ANNUAL POPPIES.

2992. **WHITE SWAN.** A new poppy of bushy habit. Height 18 inches. Flower snow white, extremely double, large, and borne on stiff stems. Continues to bloom longer than any other poppy. Pkt., 5c.

3000. **American Flag.** Large, snow white flowers, each petal bordered with scarlet. Pkt., 7c.

3001. **Paeony-Flowered.** Broad petals like those of a Pæony. Mixed. 2 ft. Oz., 25c. Pkt., 3c.

3002. **Mikado.** Flowers pure white at the back, edge of petals deep scarlet. Pkt., 3c.

3012. **Snowdrift.** Very large flowers, perfectly double pure white. Pkt., 3c.

3017. **Carnation-Flowered.** Globular flowers slashed and fringed. 2 to 2½ ft. Mixed. Oz.,25c. Pkt., 3c.

3018. **Cardinal.** Glowing scarlet on white ground. Compact habit. 18 in. Pkt., 5c.

3019. **Double Poppies, Mixed.** Oz., 20c. Pkt., 3c.

HARDY PERENNIAL POPPIES.

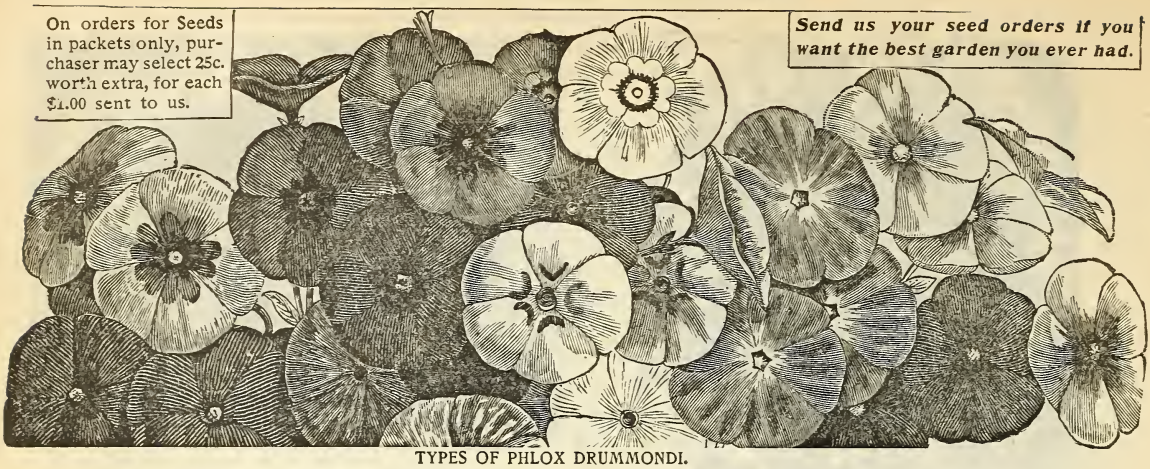
3026. **Iceland.** (*Nudicaule.*) Splendid for cut flowers. Purest white to deep orange scarlet. Mixed. Pkt., 10c.

3027. **Double Iceland.** Pkt., 10c.

3028. **Oriental.** Very large vivid crimson flowers with black spots on their petals. Mixed. Pkt., 10c.

On orders for Seeds in packets only, purchaser may select 25c. worth extra, for each $1.00 sent to us.

Send us your seed orders if you want the best garden you ever had.



TYPES OF PHLOX DRUMMONDI.

PORTULACCA. (ROSE MOSS.)

This is undoubtedly one of the neatest and best adapted little annuals for rock work, baskets or beds. If sown in sunny places it will bloom in great profusion, and the flowers of the double sorts remain open all day. 6 inches. H. A.

3212. **Single White.** Pkt., 3c.
3213. " **Pink.** " 3c.
3214. " **Scarlet.** " 3c.
3219. " **Yellow.** " 3c.
3220. " **Mixed.** " 3c.
3225. **Double White.** Pkt, 10c.
3226. " **Pink.** " 10c.
3228. " **Scarlet.** " 10c.
3229. " **Yellow.** " 10c.
3233. " **Mixed.** " 10c.

PASSIFLORA. (Passion Flower.)

Rapid growing perennial climber for conservatory or sunny position in open ground. Comes readily from seed. H. P.

3221. **Incarnata.** ("May Pops.") Flowers white with purple rays. Pkt., 10c.
3223. **Cœrulea.** Violet and blue. Pkt., 5c.
3224. **Coccinea.** Vivid scarlet flowers. Pkt., 5c.
3222. **Mixed.** Choice assortment of colors. Pkt., 5c.

PENSTEMON.

3227. Very ornamental plants that make a splendid effect in borders, etc. They bloom from June until late in the fall. The half-pendant bell-shaped flowers show beautiful shades and markings of scarlet, pink, white and blue. Sow in May in a cool, shady place. 2 ft. H. P. Large flowering, mixed. Pkt., 5c.

PERILLA.

Handsome plants, 18 inches high, with ornamental bronze red foliage, very effective for ribboning.

3238. **Nankinensis Atro Laciniatis.** Deep mulberry foliage, edges finely cut; 2 ft. Pkt., 5c.
3244. **Nankinensis Macrophylla.** Dark; finely cut foliage; dwarf; fine. Pkt., 5c.

PINKS.—See Dianthus.

PYRETHRUM. (FEVERFEW.)

Yellow Foliage sorts for bedding.

3460. **Aureum** (Golden Feather.) Pkt., 3c. H. H. P.
3465. **Golden Gem.** Double white flowers. Pkt., 3c.

HARDY FLOWERING VARIETIES.

Useful for permanent beds, bearing large white, pink or crimson colored flowers. Protect slightly during severe weather.

3471. **Single Large Flowering, Mixed.** Pkt, 5c.
3472. **Double Large Flowering, Mixed.** Pkt, 25c.

Don't miss our Collections of **FLOWER AND VEGETABLE SEEDS** as you will surely find among them something you want. In no other way, can so great variety of seed be obtained. See second cover page.

STAR SHAPED PHLOX.

PHLOX DRUMMONDI.

For beauty in the flower garden nothing can surpass a bed of these most brilliant annuals. Their flowers are produced in the greatest profusion and in almost numberless hues. The large-flowering varieties are very showy. 1½ ft. H. A.

3419. **Heynholdi.** Beautiful colors. Suitable for pot culture. Pkt., 10c.
3459. **Graf Gero.** Excellent markings; growth very compact. Adapted for pot culture. Pkt., 5c.
3458. **Finest Mixture.** Unsurpassed for variety of colors. Oz., 50c.; ¼ oz., 15c.; pkt., 3c.

LARGE-FLOWERING PHLOX.

The large flowering Phloxes show decided improvements in size, shape and color over the old Drummondi class. The flowers are round, the petals overlapping each other. 1 ft. H. A.

3420. **Pure White.**
3421. **Rosy Carmine.**
3424. **Chamois Rose.**
3422. **Elegans.** crimson.
3423. **Blood Red.**
3429. **Mixed.**

Per pkt., 5c.; any 4 for 15c.

STAR-SHAPED PHLOX.

3434. **Star of Quedlinburg.** The center of each petal runs out to a point beyond the edge which gives the flowers a ***regular, star-like form.*** Plant of compact habit, bearing large umbels of flowers. **Mixed Colors.** Pkt., 7c.; 3 for 20c.

DOUBLE FLOWERING PHLOX.

Some of these will prove only semi-double. To produce the best double flowers they should be grown in light sandy soil. Flowers are very durable, the white especially, as a cut flower.

3404. **Double White.**
3405. **Double Scarlet.**
3410. **Double Mixed.**

Each, per pkt., 10c.

DWARF OR NANA COMPACTA PHLOX.

The little compact plants grow only about 6 or 8 inches high, and are literally covered with flowers. Splendid for edgings, beds and pot culture.

3439. **Pure White.**
3444. **Red.**
3445. **Blush Rose.**
3450. **Rose.**
3451. **Blood Red.**
3452. **All Colors Mixed.**

Per pkt., 10c.; 3 pkts. for 25c.

HARDY PHLOX. (P. DECUSSATA.)

3457. They are perfectly hardy and need no protection; will grow in any soil, but succeed best in deep, rich, rather moist ground. Their handsome trusses of flowers are very showy and last a long time. Best large flowering, mixed. Pkt., 10c.

For plants of Hardy Phlox—see list of Plants

PRIMROSES.

CHINESE Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. The delicate colored flowers measure 1½ to 2 inches and are borne in large clusters. Sow in February or March in very fine, light soil. Pot into small pots, shift two or three times during the summer, and keep in a cool, moist, shady place, and success is sure. T. P.

Our Primula seed is from the best European growers, and in quality is second to none.

PRIMULA SINENSIS FIMBRIATA.

Single, Large-Flowering, Fringed Varieties.

3473. **Alba Magnifica.** Splendid pure white flowers with yellow eye, measuring two inches. Very beautiful. Pkt., 25c.

3476. **White.** Pkt., 25c. | 3477. **Red.** Pkt., 25c.
3482. **Crimson.** Pkt., 25c.

3474. **Fern Leaved.** Very pretty, long fern-like foliage. Mixed Colors. Pkt., 25c.

3483. **Mixed, Large Flowering Varieties,** includes all the above and several others. 100 seeds. 15c

Double Large Flowering, Fringed Varieties.

Saved from the most select, large flowered fringed flowers. The seed we offer will produce a large percentage of superb double flowers of great substance and fine form.

3484. **White.** Pkt., 50c. | 3489. **Red.** Pkt., 50c.
3494. **Double Mixed.** Pkt., 50c.

PRIMULA OBCONICA.

3495. An everblooming Primrose which blooms during eight months of the year. Flowers white with a tinge of lilac, borne on stems about nine inches high. If sown in March will bloom in June. It is one of the most useful pot plants for the window, and if planted out makes a very attractive border plant. Pkt, 10c.

ZANZIBAR CASTOR BEAN.

HARDY PRIMROSES.

Under this heading will be found some well known favorites, which are constantly increasing in popularity. They are beautiful, low growing, early spring flowering plants suitable for rockeries, borders and pot culture. They should have a place in every garden. Our seed is from an English grower who has given much attention to this flower. H. P.

3475. **English Yellow Primrose.** (P. VULGARIS.) So well known to all flower lovers as to need no description. Pkt., 10c.

3498. **Polyanthus.** (P. ELATIOR.) Any one who has seen or read of the beautiful beds of this lovely flower as grown in the public parks and private gardens of England will be sure to want a packet of seed. Flowers are borne on long stalks, each summounted by a large number of handsome flowers. Mixed colors. Pkt., 10c.

3496. **English Cowslip.** (P. VERIS.) This is an old favorite flower, blooming very early in spring. Mixed. Pkt., 10c.

3497. **Japanese Primrose.** (P. JAPONICA.) This is one of the most beautiful; is hardy in most parts of Europe but in this country should be protected or grown during the winter in cold frames. The flowers which measure an inch across are of various colors, crimson, maroon, lilac, pink, white, etc., borne on stems about eighteen inches high. Pkt., 10c.

RICINUS, OR CASTOR OIL BEAN.

Rapid growing, stately plants, with very ornamental foliage and showy fruits. They are splendid for subtropical effects, either planted singly on the lawn or in the centre of a Canna or Caladium bed. 6 to 15 ft. H. H. A.

3504. **Borboriensis Arboreus.** Beautiful green leaves of immense size. 12 to 15 ft. Pkt., 3c.

3507. **Zanzibarensis.** An entirely new and distinct class of Castor Oil Beans from Africa, having short, stocky stems and enormous leaves, often two to two and one half ft. across. Foliage of different colors, dark predominating. The seeds are very large and particularly handsome in appearance. All the varieties have a tropical, luxuriant form and are sure to please all who try this sort. Mixed. Pkt., 5c.

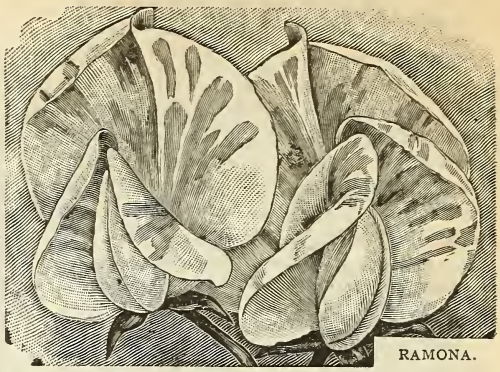
3506. **Sanguineus.** Beautiful dark foliage and bright seed pods. Very showy. 6 ft. Pkt., 3c.

3508. **Gibsoni.** Dark purplish red foliage and stems; highly ornamental; 6 ft. Pkt., 3c.

3509. **Castor Beans, Mixed.** Above and several others. 5c.

Sweet Peas.

THERE is no annual grown that is more popular, or that is more admired by all than the Sweet Pea, with its dainty colors and delicate perfume. For cutting, for bouquets, vases, corsage and buttonhole wear, no flower except the rose can compare with them. *To succeed best they should be sown as soon as the ground can be worked in the spring, and when well up given bush or strings to support them.* They commence to bloom early, and if the flowers are *picked as soon as they fade*, will continue to bloom all summer. If allowed to *form seed* they will *soon stop flowering and die down.* H. A.



RAMONA.

For LATEST INTRODUCTIONS OF SWEET PEAS SEE FRONT PAGES OF THIS BOOK.

ONE PLANT OF "CUPID" GROWN IN A POT.

New Sweet Peas.

Offered by us last season.

3698. **CUPID.** Extremely dwarf, grows only six inches high and blooms so freely that for months the plants are a mass of flowers. These are perfect in form, of large size and pure white in color. [*A Pink Cupid is offered this season for first time. See novelty pages.*] Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

3694. **CELESTIAL.** Shell-shaped flowers of a delicate lavender-blue color. Always admired. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

3703. **DAYBREAK.** Standard white, watered with crimson, which shows through veins and net work. Wings are white, sometimes pencilled. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

3711. **GRAY FRIAR.** *Distinct from all other Sweet Peas.* Watered purple on white ground. Its peculiar markings make this an indispensable variety. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

3723. **KATHERINE TRACY.** Splendidly formed flower. Exquisite soft pink. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

3767. **RAMONA.** Flowers of perfect hooded form, of fine substance and beautiful coloring—creamy white striped and barred with pink. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

3768. **RED RIDING HOOD.** Flowers resemble in form a Snapdragon. Color, rosy pink, shading to blush white. Pkt., 10c.

SPECIAL OFFER. One packet each of above, **7 New Sweet Peas,** value 40c., for only 25c net. *No further discount.*

Complete List of SWEET PEAS.

OUR stocks have been grown by the most careful cultivators, those who know the true varieties. We are certain that these seeds will produce some grand flowers.

These prices are for the seeds, *Postpaid.*

		Pkt.	Oz.	¼ lb.
3678.	**America.** White, striped with scarlet	3	5	15
3679.	**Appleblossom.** Bright rose and pink	3	5	15
3680.	**AURORA.** See novelties of 1898	5	15	50
3683.	**Blanche Burpee.** Pure white, very large	3	5	15
3684.	**Blanche Ferry.** Pink and white	3	5	15
3685.	" " *Extra Early.* 10 days earlier	3	7	25
3686.	**Blushing Beauty.** Delicate, soft pink	3	5	15
3687.	**BRILLIANT.** See novelties 1898, front p.	5	15	50
3689.	**Captain of the Blues.** Purple and blue	3	5	15
3693.	**CAPTIVATION.** See novelties 1898,	5	15	50
3694.	**Celestial.** See New Sweet Peas	5	10	30
3695.	**Countess of Radnor.** Pale mauve	3	5	15
3696.	**CROWN JEWEL.** See novelties, 1898	5	15	50
3697.	**Crown Princess of Prussia** Pink	3	5	15
3698.	**Cupid White.** See New Sweet Peas	5	15	50
3702.	**CUPID, PINK.** See novelties, 1898, front pages. Pkt. (24 seeds) 25c., 5 Pkts., $1.			
3703.	**Daybreak.** See New Sweet Peas	5	10	30
3704.	**Dorothy Tennant.** Rosy mauve. Fine	3	5	15
3705.	**Duchess of Edinburg.** Scarlet flushed crimson edged with white	3	5	15
3706.	**Duke of Clarence.** Claret color	3	5	15
3708.	**Emily Henderson.** Purest white. Early	3	5	15
3709.	**Firefly.** Deep fiery scarlet	3	7	25
3710.	**Gaiety.** Striped crimson on white	3	5	15
3711.	**Gray Friar.** See New Sweet Peas	5	10	30
3712.	**Her Majesty.** Clear, deep rose	3	5	15
3713.	**Ignea.** Deep scarlet crimson	3	5	15
3718.	**Invincible Scarlet.** A good, Sweet Pea	3	5	15
3723.	**Katherine Tracy.** See New Sweet Peas	5	10	30
3724.	**Lady Penzance.** Orange rose, fine	3	5	15
3729.	**Lemon Queen.** Pink, tinted lemon	3	5	15
3730.	**LITTLE DORRIT.** See novelties, 1898,	5	15	50
3740.	**Lottie Eckford.** White, edged with blue	3	5	15
3741.	**MARS.** See novelties, 1898, front pages	5	15	50
3742.	**Miss Hunt.** Carmine; wings soft pink	3	5	15
3743.	**MRS. JOS. CHAMBERLAIN.** See novelties, 1898, front pages	5	15	50
3744.	**Mrs. Eckford.** Primrose yellow	3	5	15
3745.	**Mrs. Gladstone.** Soft, rosy pink	3	5	15
3750.	**NEW COUNTESS.** See novelties, 1898	5	15	50
3752.	**Orange Prince.** Orange pink; lovely	3	5	15
3753.	**Prima Donna.** See novelties, 1898	5	15	50
3758.	**Princess of Wales.** Striped mauve on white	3	5	15
3767.	**Princess Victoria.** See novelties, 1898	5	15	50
3768.	**RAMONA.** See New Sweet Peas	5	10	30
3773.	**Red Riding Hood.** See New Sweet Peas	10	....	....
3774.	**Scarlet Invincible.** Brilliant Scarlet	3	5	15
3780.	**Venus.** Salmon buff. Shaded pink	3	5	15

..Collections and Mixtures..

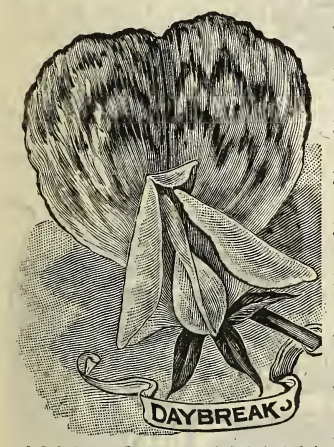
Read this surprisingly liberal offer:

"Surprise" Collection
20 PACKETS
ONLY 50 CENTS.

Twenty large packets, *your selection*, from our "Complete List of Sweet Peas" on opposite page (Pink Cupid and Red Riding Hood excepted) for only 50c. Real worth is all the way from 60c. to $1.25. We want to scatter Sweet Peas broadcast this season, so make your selections. *Twenty packets, prepaid, only 50c.*

"BOUQUET" COLLECTION.

We planned and named this collection a few years ago when the first of the large flowered Sweet Peas made their advent. The object sought for in arranging it is to supply seeds of varieties whose cut flowers, taken collectively, will make a bouquet so diversified in coloring, so perfect in form of flower, as to represent the highest type of improvement in Sweet Peas. But, larger and better varieties are brought out each year with richer hues, brighter and even daintier shades than before. In the present collection will be found **The Cream of Sweet Peas.** There is no dead timber in it. Every variety of similar characteristics and all inferior sorts have been ruthlessly discarded. We now offer a **"Bouquet" Collection** of sixteen of the latest, best and most distinct Sweet Peas as follows:



3687. **Brilliant.** The best scarlet.
3694. **Celestial.** Lavender blue.
3695. **Countess of Radnor.** Mauve.
3696. **Crown Jewel.** Yellow veined, with rose.
3703. **Daybreak.** Watered scarlet on white.
3706. **Duke of Clarence.** Claret. Showy flower.
3708. **Emily Henderson.** Pure white. Early.
3711. **Gray Friar.** Watered purple on white.
3723. **Katherine Tracy.** A lovely pink.
3730. **Little Dorrit.** Rosy pink, wings white.
3741. **Mars.** Fiery crimson.
3752. **Orange Prince.** Orange salmon, wings pink.
3768. **Ramona.** White, striped with pink.
3773. **Red Riding Hood.** An oddly shaped one.
3775. **Stanley.** Dark maroon.
3780. **Venus.** Salmon buff, shaded pink.

Bouquet ..... Collection

Containing **one packet each** of the above **sixteen superb flowers,** 50c.

The sixteen kinds named above, each put up in a separate ounce bag, making **a pound of Sweet Peas** for 75c. Considering the quality this is a good bargain.

Hardy or Everlasting Sweet Peas.

(LATHYRUS ODORATUS.)

2835. Climbers growing six to eight feet. Flowers red, white and flesh colored. The roots penetrate the ground to a great depth and survive our winters. Mixed colors. Pkt., 5c.

If you should receive two copies of this Catalogue please hand one to an interested friend.

Sweet Peas FOR EVERY GARDEN.
At Greatly Reduced Prices

ROYAL MIXTURE.

It contains seeds of more than thirty varieties of very choice Sweet Peas.

MAYBE.....

....You think that's exaggeration!

However, we will prophesy that if you allow yourself to invest in even one oz. of our

"Royal Mixture of Sweet Peas"

you will not only be rewarded with a wealth of glorious flowers, but derive greater satisfaction in growing Sweet Peas than ever before.

These are pure whites and white striped with other colors, fiery scarlets, blues, steel and purple, pinks; all shades, orange, yellow; so many we cannot specify. *There is nothing cheap about this superb mixture except the price, and that is reasonable.* In no other manner can so wide a range of beautiful flowers be found in Sweet Peas as is afforded by purchasing our Royal Mixture. **Pkt., 3c.; oz., 7c.; ¼ lb., 25c.; lb., 60c., postpaid.**

....SEE.... WHAT IS IN IT!

SUBURBAN MIXTURE...

There are an abundance of excellent varieties of Sweet Peas in this. It does not contain seeds of the very newest sorts, but purchasers can rely upon its producing abundance of lovely flowers. **Lb., 35c.; ½ lb., 20c.; ¼ lb., 10c.; oz., 5c.; pkt., 3c.**

SALVIA, CLARA BEDMAN.

SCABIOSA. Mourning Bride.

Summer-blooming border plant, producing very double flowers of various colors. A splendid flower for bouquets.

3520. **Tall Double Mixed.** A. Pkt., 3c.
3521. **Dwarf Double Mixed.** A. Pkt., 3c.
3522. **Golden Yellow.** Dwarf plants. Double yellow flowers. A. Pkt., 5c.
3523. **Snowball.** White. 1½ ft. A. Pkt., 3c.
3524. **Caucasica.** (Hardy Scabiosa.) Pale blue, 2 to 3 ft. Pkt., 5c.

STOCK, TEN WEEKS.

(Gillyflower.)

Seeds of the Stock may be sown in the open ground or in the hot-bed, but if to be transplanted, let it be done when the plants are quite small. A little shade from the hottest sun, and water in the evening, will add much to the size, beauty and durability of the flowers.

All varieties are desirable as pot plants as well as in the open garden. A bed of Dwarf German Ten Week Stock when in bloom is a blaze of showy, most fragrant flowers. 9 to 18 inches.

LARGEST FLOWERING DWARF GERMAN.

	Pkt.		Pkt.
3558. **Light Blue**	10c	3554. **Purple**	10c
3559. **Crimson**	10c	3555. **Blood Red**	10c
3560. **Canary**	10c	3556. **Pure White**	10c
3562. **Mixed**	10c	3557. **Rose**	10c

3561. **Wallflower-Leaved.** Glossy foliage. Mixed. Pkt., 5c.
3563. *Imported collection of 6 distinct colors, 30c.*
3572. **PARISIAN,** of dwarf habit, splendid for pots. Much larger flowers than the German. Mixed. Pkt., 10c.
3565. **Snowflake.** Pure white flowers, almost like wax. Good for forcing. 9 in. Pkt., 10c.
3566. **Princess Alice.** *(Cut and Come Again.)* A perpetual bloomer, of tall branching, habit loaded with white flowers. They seem to like to be cut. Pkt., 10c.
3571. **Intermediate.** Sow in July. Bloom in fall or early spring. Double mixed. Pkt., 10c.
3570. **Brompton.** Bushy plants that bloom in winter or early spring. H. H. B. 2 ft. Double mixed. Pkt., 10c.

SALVIA. (Flowering Sage.)

Salvias make grand beds of long spikes of flowers of brilliant color. Stand heat and drought remarkably well. They are splendid winter blooming plants in sunny windows. Bloom first year from seed. 1½ to 2 ft: H. H. P.

3510. **Argentea.** Silvery foliage; white flowers. Pkt., 5c.
3511. **Coccinea Hybrida.** Dark crimson, dwarf. Pkt., 5c.
3512. **Patens.** Deep, rich blue. A lovely shade. Pkt., 15c.
3513. **Splendens.**—(*Scarle Sage.*) Bright scarlet. Pkt., 10c.
3518. **Clara Bedman.** Differs from all others. Forms a compact bush 2 feet high by 2 feet in diameter. Its bright scarlet flowers standing well out from the plant make it very attractive. *Without question it is the best bedding Salvia yet introduced.* Pkt., 15c.

SALPIGLOSSIS.

3519. Strong bushy plants with curiously and beautifully pencilled and marbled funnel-shaped flowers of richest colors. They are among the best fall flowers. 1½ ft. H. A. Pkt., 5c.

SCABIOSA.

SCHIZANTHUS

(Butterfly Flower.)

3527. Flowers as elegant as Orchids, purple spotted yellow, orange and crimson. Most profuse bloomer. A gem for garden or greenhouse culture. Mixed. Pkt., 5c.

SEDUM. (Stonecrop.)

3525. A useful dwarf plant for rockwork baskets. Flowers star-shaped, mixed Pkt., 10c.

SMILAX.

3532. Most graceful greenhouse climber. For bouquets and decorative work indispensable. Leaves small, glossy green. Flowers white, fragrant. T. P. Oz., 75c. Pkt 10c.

SCARLET RUNNER BEAN.

3526. A well-known climber with fragrant, scarlet flowers. 12 ft. Pkt., 5c.

SNAP-DRAGON

See Antirrhinum.

SOLANUM.

See Jerusalem Cherry Scarlet, pepper-shaped fruit.

GIANT FLOWERED SWEET WILLIAMS.

SWEET WILLIAM.

Dianthus Barbatus.

3541. Matchless border plants with sweet scented, large bright heads of flowers of great beauty. Very easily grown. One of grandmother's favorites. H. P.

Mixed. Colors vivid and varied. Pkt., 3c.

Giant Flowered Sweet William.

3540. Enormous in size, often as large as a 25 cent piece. Colors, dark crimson, white, pink, striped and others making fine contrasts. Pkt., 10c., 3 for 20c.

THUNBERGIA.

3581. Rapid growing climbers, with trumpet-shaped flowers. Thrive best in light, rich soil in a warm place in the garden. Suitable for vases, rustic work, etc. 5 ft., H. H. A. Mixed. Pkt., 5c.

TORENIA FOURNIERI COMPACTA.

3582. A plant suitable for vases, baskets, etc. Blooms all summer in open ground and in greenhouse in winter. This is a great improvement over the old Fournieri, better habit and flowers porcelain blue with yellow throat. Pkt., 10c.

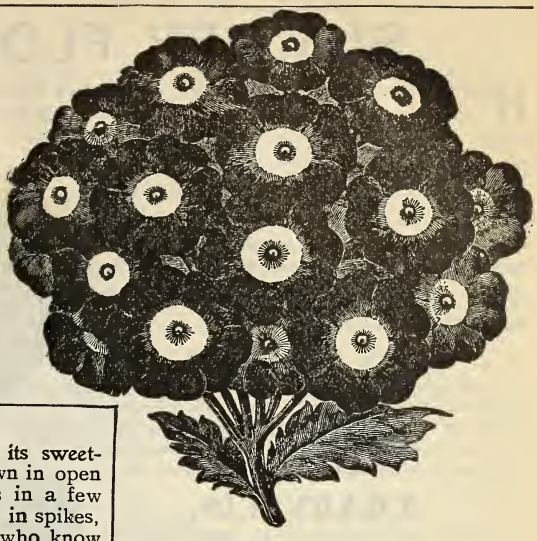
3583. **Fournieri.** Velvety blue. Lovely. Pkt., 10c.

3584. **White Wings.** White with rosy throat. A very distinct variety. Pkt., 10c.

TROPAEOLUM—See Nasturtium (Lobb's).

LEMON VERBENA.

3585. Different from other Verbenas **Prized for its sweet-scented foliage.** Comes easy and very true from seed sown in open ground in spring; grows as rapidly as "pussly;" blooms in a few weeks, and is full of flowers all summer. They are *white*, in spikes, not clusters. It is a favorite shrubby plant with those who know it and should be in every garden. Pkt., 7c., 4 for 25c.



MAMMOTH VERBENA.

VERBENA.

Most popular flowers are Asters, Pansies, Petunias and Verbenas, and none excel the Verbena for showy flower beds. Sown early they bloom the same year, their large, self-colored, striped and variegated flowers covering the entire plant. *Seedling Verbenas are more fragrant and far stronger in constitution* than those propagated from slips. 1 foot, H. H. P.

Price, any of following, pkt., 5c.; one each color (5) for 20c.

3589. Pure White.
3590. Vivid Scarlet
3591. Striped Varieties.
3592. Purple.
3593. Blue Varieties.
3594 Extra Choice Mixed.

VIOLET.—(Viola Odorata.)

The hardy Sweet Violet that blooms in the spring They thrive best in a shady place, in moist, rich soil. *(Double Violets do not seed.)*

3614. Single Blue, pkt., 5c. 3625. Single White, pkt., 10c.

3586. The mammoth flowers of this class when well grown measure fully nine inches in circumference. Plant more vigorous than the ordinary variety, and far excel them in dazzling richness and variety of colors. The distinct white eye adds greatly to their striking and beautiful appearance. Mixed colors. Pkt., 10c.

NEW DWARF VERBENA.

3587. *The best for bedding* Plants dwarf, 6 inches high. Surrounded with well trimmed grass they make a lovely bed. Mixed colors. Pkt., 10c.

WALLFLOWER.

3626. Much prized for making bouquets. Flowers are deliciously fragrant, perfectly double, orange, purple and chocolate in color. H. H. P. Mixed pkt., 5c.

VINCA.—(Periwinkle.)

Handsome bushy plants. Sown in March, transplanted in May, will bloom first summer in garden. Taken up in fall and potted will flower during winter, 1½ ft. T. P.

3645. **Rosea.** Fine shade of rose. Pkt., 5c.
3646. **Rosea Alba.** White with rose eye. Pkt., 5c.
3647. **Rosea Alba Pura.** Pure White. Pkt., 5c.
3648. **Mixed.** The above varieties. Pkt., 5c.

ZINNIA.

WILD CUCUMBER VINE.

3633. The most rapid growing vine we know of. Splendid for covering old trees, fences, etc. Will grow thirty feet in one season. Dense, graceful foliage, thickly dotted with white, fragrant flowers. ½ oz., 15c. Pkt., 5c.

ZINNIA.

General favorites. Thrive in any soil. Plants form bushes two to three feet in height and the very double flowers of various colors form solid heads like Dahlias. H. H. A.

3653. **Giant Flowered.** *The best of all Zinnias.* Flowers brilliant, very double, five to six inches across. Mixed. Pkt., 5c.

LARGE FLOWERING DWARF DOUBLE ZINNIAS.

3654. **White.** Pkt., 5c.
3659. **Scarlet.** Pkt., 5c.
3660. **Orange.** Pkt., 5c.
3665. **Canary.** Pkt , 5c.
3666. **Crimson.** Pkt., 5c.
3667. **Mixed.** Pkt , 5c

3670. **Crested and Curled.** Colors orange, purple, pink, rose, etc. Large flowers with twisted and curled petals. Pkt., 10c.

3669. **Zebra.** Flowers striped, spotted and blotched. Nearly every flower is different in markings. Pkt., 5c

3672. **Double Mexican.** A dwarf-growing class much admired for its extra fine flowers. Mixed. Pkt., 5c.

3673. **Tall Double,** mixed. Many colors. Pkt., 5c.
3674. **Dwarf Double,** mixed. Splendid variety. Pkt. 5c.

SUMMER FLOWERING BULBS.

BULBS are of easiest culture, inexpensive, and require scarcely any care. They are sure to grow and they make a grand display in a very short time after planting. All bulbs will bloom season after season and they increase very rapidly. Most of them (Lilies are an exception) should be taken up before severe frost and stored away in a frost-proof cellar to be replanted the succeeding spring. Prices given **include prepayment by mail** unless otherwise noted.

APIOS TUBEROSA.

A climbing vine having deep, rich purple flowers, something like the Chinese Wistearia. They have a delightful violet fragrance and bloom almost constantly Bulbs are perfectly hardy and it is unnecessary to dig them in the fall. Each 5c.; 5 for 20c.; doz., 45c.

AMARYLLIS.

With a little forethought to plant at different times a succession of bloom may be had throughout the year.

Atamasco. Fine for bedding. Upright flowers, white suffused with flesh color. Each, 5c.; 3 for 10c.; doz., 30c.

Belladonna Major. Blooms in fall. Tall spikes carrying a dozen beautiful, fragrant silvery white flowers tipped with rose. 15c.; 3 for 40c.

Formosissima. Rich, deep velvety crimson. Succeeds in pots or grown outdoors in open ground. Each, 10c.; 3 for 25c.

Johnsonii. Dark red, with white stripes, splendid. E ch, 40c.; 3 for $1.00.

BESSERA ELEGANS.

Pretty, bell-shaped flowers, coral-scarlet with wh te cups. Very graceful, just the thing for bo quets. Each, 7c.; 3 for 15c.; doz., 60c.

BEGONIAS, Tuberous Rooted.

Of late years these Begonias have been brought to great perfection. They make splendid beds on the lawn when given protection from the hot sun by a muslin or other shade erected about three ft. above them, and as pot plants they are unexcelled. From the time the first flrst flowers expand until frost puts a stop to further blooming these plants are literally covered with flowers of the richest colors, embracing every shade of pure white, rose, pink, scarlet, yellow and orange. The flowers often measure six inches across and are much more brilliant than the most dazzling Geraniums, and the cost is materially less. We offer first class bulbs from a celebrated English specialist.

Single Mixed. Each, 6c.; 6 for 40c.; doz., 75c.

Double Mixed. Each, 20c.; 3 for 45c.; doz., $1.50.

Colors Separate. Single rose, white, scarlet, yellow or pink. Each, 10c.; 6 for 50c.; doz., 85c.

TUBEROUS BEGONIAS—Single and Double.

CALADIUMS.

Stately plants for planting on lawns singly or in beds with Cannas or Castor Oil plants. Their enormous leaves three feet long, make a grand tropical effect. Will grow in any good garden soil and are very easy to cultivate. Lift them in fall and keep in a warm place over winter.

First Size Bulbs,	1½ to 2	inches in diameter,	15c.;	not p'pd,	10c.
Larger Bulbs,	2 to 3	" "	30c.;	"	15c.
Mammoth Bulbs,	4 to 6	" "	50c.;	"	30c

CALLA LILIES.

Spotted Leaf Calla. Dark green leaves, beautifully spotted with white; flowers white with purple throat. Each, 10c.; 3 for 25c.

White Calla. The well known variety with large white flowers. Each, 10c.

Black Calla. Always scarce. Rich, deep purple flowers of large size. Each, 20c.

CYCLAMEN.

A splendid pot plant for window culture. Each, 25c.; 3 for 60c.

HYACINTHUS CANDICANS.

Luxuriant, free-growing, summer-flowering plant, with flower stems 3 to 4 ft. high, bearing from 20 to 30 pure white flowers. Each, 6c.; 3 for 15c.; doz., 55c.

CALADIUM.

CINNAMON VINE.

A fine hardy climber, and well known in some parts of the country as Chinese Yam. The tubers grow very large and are edible, like a Sweet Potato. The vine is beautiful rapid grower, producing sweet scented flowers. Each, 5c.: 6 for 25c.

GLOXINIA.

One of the most charming green-house plants. The gorgeously colored flowers are spotted, shaded or mottled in the most magnificent way. After their blooming season, bulbs should be carefully dried and put away in a dry place. Good bulbs, finest varieties, each. 15c.; 3 for 40c.

THE BEST CANNAS IN CULTIVATION

FEW of any flowers that are produced from tubers will give such a strikingly beautiful effect as these trusses of Cannas when in bloom. Early in June they come into flower and continue until late in September. Cannas are the **most popular decorative plants of the day.** We have never offered a plant that will give such unqualified satisfaction as these. For the present season we offer THE BEST NEW ONES AT REDUCED PRICES.

QUEEN CHARLOTTE.

THE LOVELY GILT-EDGED CANNA.

Three feet—A splendid orange scarlet flower irregularly banded with a broad margin of golden yellow on each petal. Dwarf, sturdy grower, seldom exceeding three feet in height, luxuriant foliage, large, finely formed flowers of excellent texture. An ever bloomer. We know this charming variety will give perfect satisfaction to all. It is suitable either for bedding or growing as a single specimen. Each 20c, 3 for 50.

QUEEN CHARLOTTE.

EGANDALE.

Four feet—The best of the dark leaved Cannas for bedding. Purple foliage; strong compact flower spikes color, currant red, a color which harmonizes well with the foliage. It is an enormous bloomer, a constant mass of color, exceeding any other variety. Its dark foliage contrasting with the green of others is an additional desirable feature. Each 15c, 3 for 40c.

FLORENCE VAUGHAN.

THE MOST FAMOUS OF ALL CANNAS.

Four feet—This still continues to be the most perfectly formed flower of the Canna family. Petals being broader and better rounded than in Madame Crozy. Color, brilliant golden yellow, dotted with scarlet. No Canna bed is complete without this fine large-flowered variety. A few years ago it sold for $3.00 each. Notice the price we now offer and be sure to include at least one, better half a dozen, in your order. Each 15c, 3 for 40c.

ALPHONSE BOUVIER.

Five and one-half feet—Desirable for center of large beds. Brilliant crimson flowers of the largest size. A strong grower and most profuse bloomer. Very large flower spikes. Each 15c, 3 for 40c.

CHAS. HENDERSON.

Four feet—One of the finest Cannas grown. Rich crimson, perfect form, a wonderful free and continuous bloomer. A splendid bedding sort, the heads of very large size. Foliage dark green. Each 15c, 3 for 40c.

MADAM CROZY.

Four feet—Very large vermillion flowers bordered with gold. Its splendid coloring and rounded petals make this one of the most popular Cannas. Great bloomer. Each 10c, 3 for 25c.

J. D. CABOS—Medal awarded; 4¾ ft. Leaves green, strongly shaded, purple, flowers large and round, color rich apricot with deeper shadings; attracts the attention of every one because of the novel and distinct color. One of the best. Each 15c, 3 for 40c.

EXPLORATEUR CRAMPBEL—The Blood-Spotted Canna. Foliage green, flower large and broad, color a clear vermillion scarlet with crimson spots, distributed evenly over the petals, making a wonderfully brilliant flower. Flower spikes large. Deep colors like this and the Egandale are the coming colors for massing. Each 15c, 3 for 40c

SPECIAL OFFER The eight superb Cannas above described, one good root of each, for 75c prepaid.

CHICAGO PARKS BEDDING CANNAS.

SCARLET FLOWERING SORTS—Many splendid colors. Each 10c, doz. $1.00, prepaid. Not prepaid, doz. 75c, 25 for $1.50, 50 for $2.75.

YELLOW FLOWERING SORTS—Variegated, banded, etc. Each 10c, doz. $1.00 prepaid. Not prepaid, doz. 75c, 25 for $1.50, 50 for $2.75.

MANY SHADES AND COLORS IN MIXTURE—Three for 20c, doz. 75c, prepaid. Not prepaid, doz. 60c, 25 for $1.15, 50 for $2.15.

CANNA.

New and Improved Dahlias The coming POPULAR FLOWER.

THE long neglected Dahlia is again fast coming to the front. Set them out the last of May in deep, rich ground. Cover with about three inches of soil. During August and September the plants will be loaded with flowers. We know of nothing more showy for table decoration than a well-arranged bouquet of long-stemmed Cactus and other Dahlias. Our collection is very complete and up-to-date. The tubers or DRY ROOTS we offer are of good size and will flower the same season They should not be put into the ground until settled weather, say May 20. We will book orders any time, but unless otherwise instructed hold the tubers until May 1. *If sent sooner at purchaser's risk.* There is no advantage to be gained by earlier planting.

PROF. L. H. BAILEY, Cornell University, says: "*I believe the Dahlia has come to stay as a popular flower.* I have the greatest confidence in it and predict a great future for it. Everybody should grow a few Dahlias for their own benefit. It will do them good."

DRY ROOTS, except noted, each, 20c.; 3 for 50c.; doz., $2.00, *postpaid.* Larger roots at same price by express, *not prepaid.*

Cactus Dahlias.

Of all the Dahlias, those of the so-called Cactus class, with their large, broad petalled flowers, are most highly prized for decorative purposes.

Crimson Giant. "Hard to Beat." Rich in color, constant in bloom; strong, vigorous grower.

Glare of the Garden. Another good one. Scarlet flowers of odd form; early flowering.

John Bragg. Handsome, showy flowers; dark maroon in color.

Marchioness of Bute. Pure white with rosy tips.

Nymphaen. (*The Pink Water Lily Dahlia.*) One of the finest of all; large, graceful, chaste. Petals broad and waxy; full, incurved center. The color is rare and novel, a clear, light, shrimp pink, shaded darker toward the outer petals.

Panthea. Rich salmon; a peculiar shade. Pretty.

Picta, Formosissima. Orange, striped with scarlet bands.

Professor Baldwin. Bright orange.

Robert Maher. Golden yellow; prolific bloomer.

Zulu. Almost black; well-formed flower.

New Cactus Dahlia.

CLIFFORD W. BRUTON. This superb new variety is acknowledged by all who have seen it to be the finest yellow Decorative Cactus Dahlia ever produced, and is the greatest acquisition since Nymphæa. It is a very strong, sturdy grower and a profuse bloomer. Whole roots, 75c.; started plants, 50c.

Pompone, or Bouquet.

These make elegant pot plants, and for outdoor culture are charming. The flowers, though small, are graceful in form, borne on long, slender stems, and valuable for bouquets.

Alba Floribunda. Pure white, neat and chaste.

Eleganta. Pink in two shades, soft and deep.

Juliette. Yellow-shaded orange.

Kate Haslan. Clear pink, ball-like flower.

King of Dwarfs. Dark maroon, rich texture.

Mary Kirk. Pleasing yellow; fine bushy habit.

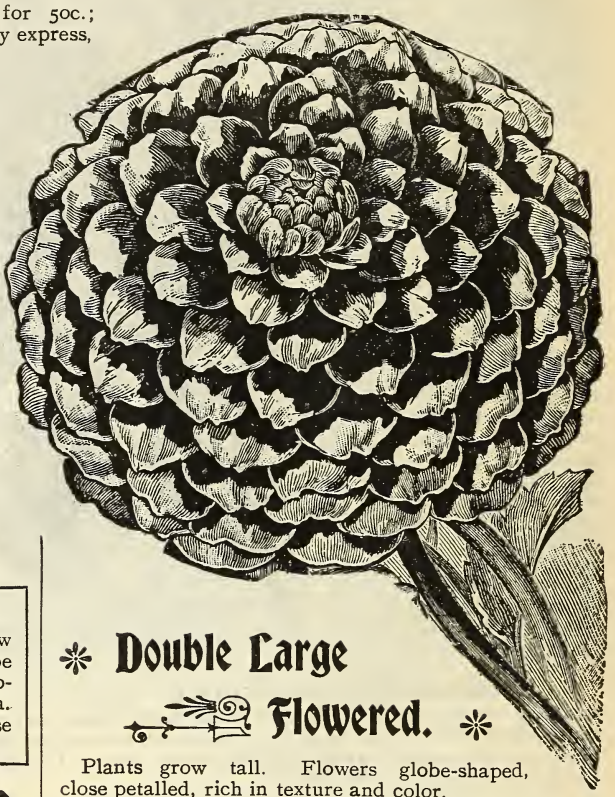
Mignon. Bright crimson scarlet; showy.

Snowclad. Very full; pure white.

Winnifred. A gem from England. Pure white flowers, occasionally tipped with lavender.

Single Flowering.

Remarkably early and constant in bloom Flowers large on long stems. By many preferred to double varieties as cut flowers. Any color from white to darkest maroon.



Double Large Flowered.

Plants grow tall. Flowers globe-shaped, close petalled, rich in texture and color.

Fire King. Blooms very early. Deep scarlet flowers that glow like fire.

General Grant. Orange, striped with chocolate.

Guiding Star. Pure white flowers with toothed or fringed petals.

Marguerite. Deep pink, handsome.

Miss Thatcher. The queen of yellow Dahlias. Early, constant and prolific bloomer. On our grounds last fall this variety was a blaze of golden glory for two months.

Mrs. Langtry. Very large flower, cream colored, edged with crimson.

Prince Henry. Lilac, striped with purple; distinct.

Sunset. Large flower; yellow, flaked with scarlet.

NOTE.—We have many varieties not mentioned herein of all the different classes. If selection is left to us we will send, postpaid, twelve good tubers, part of each class, for $1.50, or six for 80c. Larger roots at same price by express.

☞ We call special attention to **Sheep Manure** (see last page) as a special fertilizer for Dahlias. It produces vigorous growth and greatly increases size of flower.

SPECIAL OFFER } **The Complete Collection,** one each of all the new and superb Dahlias (28) on this page at the very low price of $4.50, postpaid. Larger tubers at same price, by express, *not prepaid.*

GLADIOLI.

The most stately and effective Plants produced by Summer Flowering Bulbs.

TO the culture of Gladioli we devote a large acreage, and each season our fields when in bloom are a great attraction. They are sure to flower in any soil; have no insect enemies nor diseases; flowers of almost every color. By cutting the spikes when two or three of the lower flowers are open, and placing them in water, the entire spike will open up even to the tip end. They are very effective grown among shrubbery. Set the bulbs six inches apart, three inches deep. Plant from middle of April to first of June.

☞At single and dozen rate we send postage or express paid. 100 rate not prepaid; 25 bulbs sold at 100 rate.

SELECT GLADIOLI, Under Colors.

Young, vigorous bulbs, sure to produce fine flowers.

	Each.	Doz.	100
Red and White	$0 03	$0 25	$1 50
Pink and Salmon	5	40	3 00
Yellow Shades	5	45	3 50
Light and White	5	40	3 00
Striped and Variegated	5	45	3 50
All Colors Mixed	3	25	1 50

LEMOINE'S BUTTERFLY GLADIOLI.

Flowers of richest texture and most vivid coloring, with peculiar blotches on the lower petals. 3 for 15c.; doz., 50c. *Prepaid.*

GLADIOLUS CHILDSII.

A distinct mammoth race of Gladioli, stronger and more vigorous than ordinary varieties. They have stiff stems four to five feet high, with spikes of bloom two feet in length. Every flower is a perfect beauty and of every color known among Gladioli in this race. Each, 15c.; 2 for 25c.; $1.25 per doz.

SELECT NAMED GLADIOLI.

1. **Africain.** Slaty-brown on scarlet ground, streaked with scarlet and pure white. 10c.
2. **Angele.** White. Snowy and effective. Each, 8c.
3. **Brenchleyensis.** Bright scarlet. Doz., 40c.; each, 5c.
4. **Ceres.** White, spotted rose. Each, 5c.
5. **Eugene Scribe.** Tender rose, variegated. Each, 6c.
6. **Gen. Phil. Sheridan.** Fire-red, white line running through each petal. Each, 15c.
7. **Isaac Buchanan.** Very fine yellow. Each, 6c.
8. **Lamark.** Cherry, white throat. Doz., 40c.; each, 5c.
9. **Lord Byron.** Brilliant scarlet, blotched white. 8c.
10. **Napoleon III.** Scarlet striped white. Each, 5c.
11. **Octoroon.** Very fine salmon pink. Each, 10c.
12. **Shakespeare.** Early; grand flower, white with carmine rose. Large bulbs, each, 12c.; 6 for 60c., postpaid.
13. **Martha Washington.** Unexcelled for cut flower purposes. Color light yellow, lower petals tinged with rose. Spike erect, neatly arranged with well-formed flowers. Each, 10c.

COLLECTIONS NAMED GLADIOLI.
- A. Nos. 2, 3, 4, 5, 7 for 25c.
- B. Nos. 1, 2, 4, 5, 6, 10, 11 for 50c.
- C. The complete set, 1 to 13, all labelled, $1.00.

THE QUEEN. Undoubtedly the largest and most beautiful Gladiolus in cultivation. The flowers are rich and velvety, the ground colors of the petals a pearly white, which is striped with a rich carmine, shaded and blotched with a rosy carmine. The plant is a strong grower with a stout flower stock, about three inches high, and remarkably filled out with blossoms on all sides. Each, 20c.; 3 for 50c.

SPECIAL BULB OFFERS.

Two valuable collections at greatly reduced prices.

50 CENT BULB COLLECTION.

Contains 13 Summer-Flowering Bulbs which we will send free by Mail or Express for 50c.

- 1 Apios Tuberosa.
- 1 Begonia, Tuberous.
- 1 Tigridia.
- 2 Cannas.
- 2 Gladiolus, mixed.
- 1 Hyacinthus Candicans.
- 3 Cinnamon Vines.
- 2 Dwarf Pearl Tuberoses.

$1.00 BULB COLLECTION.

Contains 28 Summer-Flowering Bulbs which we will send free by Mail or Express for $1.

- 2 Apios Tuberosa.
- 2 Begonia, Tuberous.
- 1 Caladium Esculentum.
- 3 Cinnamon Vines.
- 1 Selected Hardy Lily.
- 2 Cannas, New French.
- 2 Pearl Tuberoses.
- 1 Dahlia, Double.
- 3 Gladiolus, mixed.
- 2 Hyacinthus, Candicans.
- 1 Tiger Lily.
- 3 Madeira Vine.
- 2 Milla Biflora.
- 3 Amaryllis Atamasco.

All the above Bulbs are fully described and some of them illustrated in the Bulb Department of this Catalogue. Compare this very low offer with regular rates.

Hardy Lilies.

Lilies thrive best in a dry, rich soil. They should be planted deep, as they form two sets of roots, one below, the other above the bulb. All Lilies offered on this page are hardy enough to stand the winter out doors. It is well, however, to protect them with a covering of litter or straw.

Prices include postage unless otherwise stated.

AURATUM. (*Gold Banded.*) Extremely fragrant and very beautiful. Flowers white, dotted with crimson, with a golden band running through center of each petal. *First size*, each, 15c.; 3 for 40c.; doz., $1.50. *Not prepaid, Large bulbs*, each, 10c.; doz., $1.00.

LONGIFLORUM. (*Easter Lily.*) Pure white, trumpet-shaped flowers 6 to 8 inches long. A favorite sort for the garden. *First size*, each, 15c.; 3 for 40c.; doz., $1.50. *Not prepaid, Large size*, each, 10c.; doz., $1.50.

Tigrinum. (*Single Tiger Lily.*) Flowers, orange red, spotted black. Each, 10c.; 3 for 25c.; doz., $1.00. *Not prepaid*, each 5c.; doz., 50c.

Tigrinum fl. pl. (*Double Tiger Lily.*) Very large, double flowers. Each, 10c.: 3 for 25c.; doz., $1.00. *Not prepaid* each, 8c.; doz., 80c.

Tenuifolium. (*Siberian Coral Lily.*) Of dwarf habit. Flowers, bright red, drooping. Each, 15c.; 3 for 40c.; doz., $1.00. *Not prepaid*, each, 10c.; doz., $1.00.

SPECIOSUM.—*(Hardy Garden Lilies.)*

Of easiest culture. Once planted, there to stay.

ALBUM. Pure white. *First size*, each, 20c.; 3 for 55c.; doz., $2.00. *Not prepaid, Large bulbs*, each, 15c.; doz., $1.50.

RUBRUM. White ground dotted and shaded with red. *First size*, each, 15c.; doz., $1.50. *Not prepaid, Large bulbs*, each, 10c.; doz., $1.00.

MELPOMENE. Rich blood-crimson, heavily spotted. Each, 20c.; 3 for 55c.; doz., $2.00. *Not prepaid*, each, 15c.; doz., $1.50.

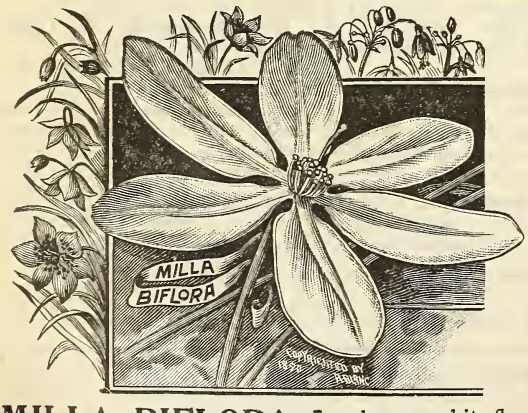
One nice bulb of each of 8 above Lilies for $1.00 postpaid.

LILY OF THE VALLEY.

Clumps. For outdoor planting. Extra strong. Each, 35c. *Not prepaid*, each, 25c.; doz., $2.50.

MADEIRA VINE.

The old favorite "Climbing Mignonette." Thick glossy leaves and long, feathery, very fragrant, white flowers. Each, 5c.; doz., 50c. *Not prepaid*, doz., 30c.



MILLA BIFLORA Lovely pure white flowers, usually in pairs. Will keep for days when cut and placed in water. Each, 10c.; 3 for 20c.; doz., 60c.

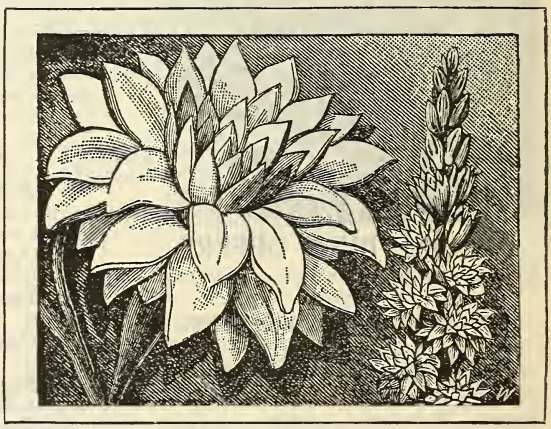
PAEONIES. See Hardy Plants. Page 92.

AURATUM.

SUMMER FLOWERING OXALIS.

Splendid for edging flower beds, walks, etc. The little bulbs planted 3 inches apart will, during the summer, form rounded rows a foot high, constantly loaded with pink and white flowers. Doz., 10c.; 100, 50c.

TIGRIDIA. Large, exquisitely spotted flowers, which make a beautiful display planted in masses in borders. **Alba,** white, spotted crimson. Each, 8c.; 3 for 20c. **Conchiflora,** yellow. Each, 5c.; doz., 30c. **Pavonia,** crimson, variegated yellow. Each, 5c.; doz., 30c.



TUBEROSES.

No better Tuberose bulbs than we supply are to be had anywhere. They are sure to produce flowers true to name, of fine form and delightful fragrance.

Dwarf Pearl. Stem about 2½ feet. Selected large bulbs. Each, 5c.; doz., 50c.; 100, *not prepaid*, $2.00.

Tall Italian. Grows 4 feet high. Large bulbs, each, 5c.; doz., 50c.; *not prepaid*, 100, $2.00.

Variegated Leaved. Foliage striped; flowers smaller than the double varieties. Each, 10c.; 3 for 25c.; doz., $1.00.

Single. Also called Orange-flowered. Blooms very early. Each, 7c.; doz., 75c.; *not prepaid*, 100, $3.00.

COLLECTION. 12 Tuberose Bulbs (4 Dwarf Pearl, 4 Tall Double, 2 Variegated-leaved and 2 Single) for 50c., postpaid.

ZEPHYRANTHES. See Amaryllis Atamasco. Page 82.

Flowering and Foliage Plants.

FOR BEDS, BORDERS, GREENHOUSES, ETC.

Please Read Carefully.

OUR rapidly increasing mail trade in Seeds and Bulbs brings with it a demand for a more extended list of Flowering and Foliage Plants. Desiring to make our service to customers as complete and convenient as possible, we have somewhat extended this portion of our catalogue, and trust our friends will avail themselves of this opportunity to obtain *all garden supplies* from one source.

The culture of plants for shipping long distances by mail or express requires special care, and we are proud of the stock we offer because it is far and away beyond the ordinary run of slightly-rooted, mushroom growth plants usually sent out in mail orders. We send clean, healthy stock only, well grown and hardened, and packed in the most improved manner, so that it will reach the purchaser in the best possible condition.

Postage Paid. At prices given we mail all plants (except such as from their size or otherwise are unmailable, and so stated), prepay the postage and guarantee safe delivery.

Express Shipments. Plants offered "by express" or ordered shipped by that method go at buyer's expense. Express rates are 20 per cent. less than formerly and larger plants and more of them are always put into orders so forwarded. The ball of earth is left almost intact on the roots of the plants, hence they receive no check, but go on growing right along.

Shipping. **Plant orders will be held until April 1,** when we begin shipping to the warmer States and northward, as the weather permits. We will not assume responsibility for loss by earlier shipments, but will make them if desired.

Club Orders. Our very low prices will not permit us to offer any discount, but we will allow those who secure club orders to select extra plants. State what you think you should have for your trouble, and we will be as liberal as the size of the order will admit. We guarantee satisfaction in all cases.

Plant orders for a less amount than 50c. must have 10c. added for postage.

ABUTILONS.

Souvenir de Bonn. New. Leaves edged with a pure white band. Flowers orange, veined with crimson. A rapid grower, young plants soon form fine specimens. 20c.

Eclipse. A trailing variety with mottled foliage, flowers yellow, with crimson throat. 10c.

Golden Fleece. Bright golden yellow flowers. 10c.

Boule de Niege. Pure white. Strong grower. 10c.

The 4 Abutilons for 40c.

LEMON VERBENA (Aloysia Citriodora).

A shrubby plant valued for the delightful fragrance of its foliage; indispensable for bouquets. 15c.

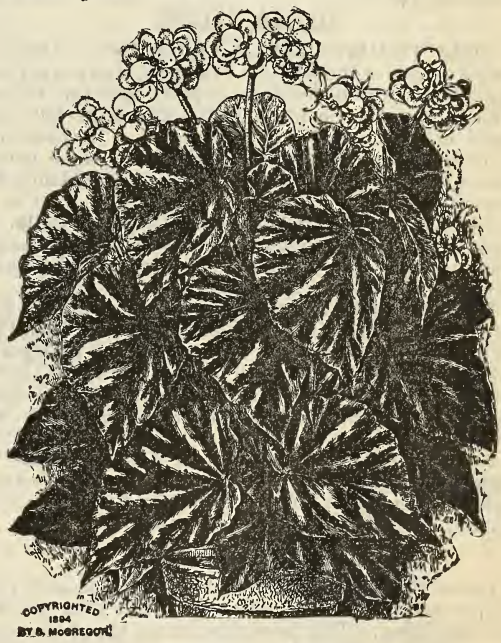
BEGONIA REX.

The Rex varieties, of which we have a dozen or more, varying in color and markings, are very effective as pot-plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry.

Each 15 and 20 cents, according to size. 8 varieties, our selection, $1.00.

ARTILLERY PLANT (Pilea).

A very neat and pretty plant, resembling some of the Ferns in general appearance. It has fine, moss-like foliage and small pink flowers. 10c.



BEGONIA THURSTONI.

....BEGONIAS.... The Best of the Flowering Varieties.

Price, each, 15c., unless noted; 6 named sorts, our choice, 50c., postpaid.

Alba Picta. Bushy grower. Slender leaves, spotted white; flowers white.

Argentea Guttata. Oblong, purple bronze leaves with silver markings; white flowers on tips of the stems. A grand plant.

Manicata Aurea. Large, glossy leaves, blotched with creamy white. Flowers, delicate blush on long stems. Splendid foliage plant. 20c.

Thurstoni. A cross between Metallica and Sanguinea. Flowers deep pink. A splendid variety for bedding in partial shade. See illustration on this page. 20c.

Metallica. Glossy green leaves with darker veins, beautifully crimped; underside of leaves and stems hairy.

Rubra. Scarlet, wax-like flowers. Strong grower; free bloomer. Foliage very handsome.

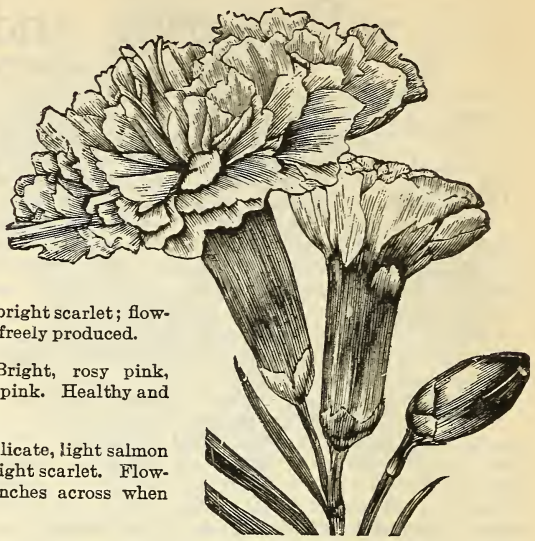
Sandersoni. Blooms the year around. Heart-shaped scarlet flowers. Small leaves. Grows bushy.

Sanguinea. Thick, leathery green leaves, darker underneath. Splendid for a bracket.

Vernon. Deep green leaves; red flowers. The best bedding variety. Comes into bloom in June and continues all summer.

CARNATIONS.

Each, 15c.; 3 for 40c,; doz., $1.50.



THE CARNATION is the sweetest and most beautiful flower (except perhaps the Rose), in cultivation. Too much praise cannot be given them, nor enough said to induce people to plant them. The flowers are very fragrant and are borne in the greatest profusion.

DAYBREAK. Bright flesh color, with no salmon shadings; last a long time when cut. A free blooming, long stemmed variety.

EDNA CRAIG. A remarkably handsome flower. The color is a lovely shade of clear, soft, light pink. The flowers are of fine form, with heavily fringed petals.

GOLDEN GATE. Golden yellow; has no stripes or foreign color. Full and double. Strong, healthy grower.

LIZZIE McGOWAN. Large pure white flowers, beautifully fringed.

PORTIA. Intense bright scarlet; flowers medium size and freely produced.

TIDAL WAVE. Bright, rosy pink, changing to carmine pink. Healthy and free-blooming.

THE BANNER. Delicate, light salmon pink, striped with bright scarlet. Flowers measure three inches across when fully developed.

The seven Carnations for 50c.

CALADIUMS. FANCY LEAVED.

Now much used for summer and fall decoration. They are easily grown in pots or boxes, or in shady situations out of doors. The dry tubers require to be kept warm in winter. We offer started plants only; each, 20c; six distinct sorts, $1.00.

CALLA LILIES.

TOM THUMB CALLA—Little Gem. This is a dwarf variety of the old Calla Ethiopica, rarely ever growing over 10 to 12 inches high; a plant that can be used with telling effect in many places where the tall Calla could not on account of its tall growth. It commences to bloom when very small, often two or three flowers from 4-inch pot plant. 20c; 3 for 50c; strong plants, 35c; 2 for 50c.

CALLA ETHIOPICA—the Common Calla. A favorite old plant for house culture, with large leaves and white, trumpet-shaped flowers. Small plants, 10c; strong flowering bulbs, 15c; extra strong, 25c.

BLACK CALLA (Arum Sanctum). Flowers very large, of same shape as the ordinary Calla, but from 12 to 15 inches long and 4 inches broad; of a rich dark purple color on upper side, and green on under side. The leaves are large and very wavy, of a rich deep green color, veined lighter; in shape resembling the common Calla. 20c; stronger bulbs, 30c.

SPOTTED CALLA (Richardia Alba Maculata). A variety with beautifully spotted foliage; flowers pure white, shaded violet inside. Bulbs, each, 15c; 2 for 25c.

The 4 Calla Lilies for 50c.

COBEA SCANDENS.

One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 feet of surface. The flowers are large, blue, bell-shape. They come into bloom early and continue until frost. 15c.

COLEUS.

A few dozen of these plants will make a beautiful bed. There is such an endless variety in their colors and markings that with a little taste in planting varieties, the most gratifying results can be obtained at a trifling cost. Doz., 75c; each, 10c.

CYPERUS ALTERNIFOLIUS.

Umbrella Plant.

A splendid aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of leaves, diverging horizontally, giving it a very novel appearance; fine for the center of vases or aquariums. 15c.

CHRYSANTHEMUMS.

From the almost innumerable varieties we select twelve of the very best, unsurpassed for form and diversity of color.

Unless noted, each 10c, 3 for 25c, the 12, $1.25.

E. MOLYNEUX. Rich deep maroon red; outside of petals when expanded is a rich golden tint, petals immense in both width and length.

EUGENE DAILLEDOUZE. Bright clear golden yellow. Large, full, double; glowing in color, stiff stem and good foliage, and a free, easy grower. There is nothing brighter among yellows. 15c.

HARRY E. WIDENER. Bright yellow, without shadings. Flower large, on stiff, stout stems that hold the flowers erect without support; incurving, forming a large, rounded surface; petals crisp and stiff.

INTER OCEAN. This is a grand variety. The color is a glistening, pearly white, with light suffusion of pink. Petals of great substance. The stems are very stiff, the foliage handsome and carried close to the flower. 20c.

IVORY. Flowers pure white, of exquisite form and finish; petal stiff and lasting. As a specimen plant for pot culture there is none better.

MAJOR BONNAFFON. Soft, clear, incurved yellow, full to the center; 6 to 7 inches in diameter and nearly as deep. Habit dwarf; keeping qualities excellent. 15c.

MRS. E. G. HILL. One of the earliest of all the very large flowered sorts. Color delicate pink, shading from color of La France rose to the flesh pink found in Daybreak carnation. Flower very large, 7 to 8 inches in diameter; full to the center. 20c.

MRS. JEROME JONES. Large, cream white, incurved, Japanese, sometimes showing a tinge of pink; high, round flower; one of the best chrysanthemum flowers to date.

NIVEUS. A grand snow white variety. Center irregularly incurved with outer petals reflexing nearly to the stem.

PITCHER and MANDA. Reflexed Japanese, not deep, but solid and of large diameter; the outer five or six rows are creamy white and of dahlia-like form, the center is bright yellow. 20c.

PRES. WM. R. SMITH. Color a beautiful, clear, flesh pink; very heavy in substance, on stiff stems; double.

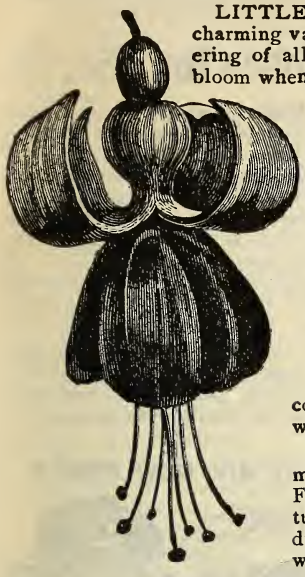
THE QUEEN. A grand pure white of extra large size of beautiful, half globular form with broad, incurved shapely petals of good substance. One of the finest, if not the finest Chrysanthemum of its color. 15c.

SPECIAL OFFER: We will send 16 varieties of our own selection, choice kinds, all labeled, for $1,00.

FUCHSIAS.

Fuchsias are excellent plants for growing in pots. They delight in rich soil and a shady situation. Fuchsias will do well bedded out on the north side of the house.

Unless noted, each 10c.; doz., $1.00.



LITTLE BEAUTY. This is a charming variety and the freest flowering of all Fuchsias. It begins to bloom when only two or three inches high, and continues to flower the year round, often one hundred open blossoms at one time on a single plant in a small pot. Flowers of good size. Tube and sepals bright red, corolla deep purple. Every lover of Fuchsias should have this little gem. 20c.

BLACK PRINCE. Single; tube and large sepals waxy carmine; corolla pale pink, large and wide open.

MRS. E. G. HILL. The most perfect double white Fuchsia yet introduced; tube and sepals bright reddish crimson, contrasting with the large pure white corolla to great advantage. The plant is of splendid habit, a remarkably free grower, yet compact and symmetrical in form; free bloomer. 15c.

MRS. MARSHALL. White tube and sepals; corolla carmine rose. An old favorite.

PHENOMENAL. Flowers very large; short tube and sepals of a bright rich crimson color; corolla bright violet purple; very full and double.

STORM KING. The flowers are of extraordinary large size and very double; corolla a beautiful blush white, veined with carmine; tube and sepals carmine red. 15c.

SPECIOSA. Unsurpassed for winter blooming. A strong, vigorous grower, and almost at all times in bloom. Pale red tube and sepals; dark red corolla.

The 7 Fuchsias for 60 cents.

HELIOTROPES.

These plants are universal favorites on account of their delightful fragrance. Flowering equally well as bedding plants in summer or as pot plants in the house during winter. 10c.

HYDRANGEA.

Hydrangeas are among the easiest of all plants to grow. They are always attractive and stand any amount of neglect. Just the thing for a tub on the front porch.

OTAKSA. A splendid variety from Japan. Flowers large, bright pink, tinted blue; produced freely. 15c.

THOMAS HOGG. The immense trusses of flowers are first slightly tinged with green, becoming of the purest white, and remaining so a long time. 15c.

PANICULATA See Hardy Shrubs.

IVIES—*Hedera.*

Valuable for covering brick walls and upon the north or shady side of buildings; also excellent parlor ornaments and most desirable hanging basket plants.

ENGLISH. The well-known European variety. 15c.

GERMAN. A beautiful and rapid growing vine, one of the most desirable for hanging-baskets or vases. 10c.

GERANIUMS.

Are you looking for something which will make a brilliant, showy bed on the lawn this summer? If so, you will find it in the Champion Set we offer below.

Unless noted, each 10c.; doz., $1.00.

CHAMPION SET OF BEDDING GERANIUMS.

ATHLETE. Clear scarlet. Very large. Double. 15c.

GEN'L GRANT. Fine scarlet. Grand bedder. Single.

GLOIRE DE FRANCE. Salmon with white. Double. Very large truss of flowers. 15c.

HETERANTHE. Soft scarlet. Semi-double.

JULES FERRY. Deep crimson. Single.

LE CID. Brilliant crimson red. Double.

LA FAVORITE. Snow white. Double.

MARY HILL. Deep pink. Single.

QUEEN OF THE WEST. Orange salmon. Fine bedder. Single.

SIR TREVOR LAWRENCE. Rosy peach. Double.

SOUVENIR DE MIRANDE. A splendid variety. Cherry red, white markings in center. Single. 15c.

WHITE SWAN. Best pure white. Double.

The Champion Set of 12 Geraniums for $1.00, postpaid.

IVY LEAVED GERANIUMS.

A splendid class of climbing or trailing geraniums, adapted for baskets, vases, rock work, and trailing on trellisses. They have fine, thick, glossy foliage, which of itself would be of sufficient beauty to warrant their cultivation. They bloom with the greatest freedom during the spring and summer. Several standard varieties, double and single, each 10c.

VARIEGATED LEAVED.

Buy these for something handsome in pot plants.

HAPPY THOUGHT. A tri-color Geranium, with very dark green foliage, having a light, creamy, almost white center, with a dark band about the light zone. It is a beautiful plant, and the flowers bright scarlet. 15c.

MOUNTAIN OF SNOW. Foliage green, handsomely bordered with white; flowers scarlet; a fine bedder, the best variety of its color. 15c.

MAD. SALLEROI. A very compact variety of Silver Geranium; very fine for massing or bordering; a thrifty, healthy grower, rarely reaching a height of more than six inches; leaves very small, of a peculiar clear green, edged with pure white. 10c.

SCENTED LEAVED.

Balm, Dr. Livingston, Lemon, Rose, Shrubland Pet. Each 10c.

MANETTIA VINE.

A beautiful free-growing vine with small, tubular-shaped flowers of a rich, fiery scarlet color, shading off into a bright yellow at tip of flower. It commences to bloom when very small, and flowers continually. A valuable plant for small trellises, vases or baskets. 10c.

MANETTIA VINE.

EVERBLOOMING ROSES.

SUITABLE FOR BEDDING OR POT CULTURE.

MOSELLA.

GREENHOUSE GROWN YOUNG PLANTS. *Each and every one a gem. Sure to grow and bloom where others fail. Profuse bloomers, producing the most hand-some buds you ever saw.* *PRICES INCLUDE POSTAGE.*

Best Six New Roses for 75c.

SOUV. PRESIDENT CARNOT. Considered the best new Rose. Strong, vigorous grower, producing long-stemmed flowers of great substance. Color, delicate pink in centre; edge of petals flesh color. An ideal garden rose. 30c. each, 2 for 50c.

Marion Dingee. Large double cup-shaped. Deep rich crimson flowers. 15c. each, 2 for 25c.

Golden Gate. Flowers large and full; creamy white, suffused golden yellow. Desirable; one of the best new ones. 15c. each, 2 for 25c.

Madame Abel Chatenay. A constant bloomer of vigorous growth. Bud very fine, opening spirally; flowers full, of medium size, color carmine-rose, shaded with salmon. 25c. each, 5 for $1.00.

Mrs. W. C. Whitney. Delightfully fragrant, color a clear deep pink. The flowers are large and full, with fine, large elongated buds. They are perfect in form and look well either as buds or when fully expanded. 20c. each, 2 for 35c.

MOSELLA. (Yellow Soupert.) A valuable new Rose. Color, beautiful light yellow shading to white at edge of petals, plant dwarf, bushy and very free flowering in clusters, three to five flowers in a cluster. 20c. each, 2 for 35c.

FOR 75 CENTS WE WILL SEND ONE STRONG PLANT EACH OF SIX NEW ROSES.

Eight Ever-Blooming Roses for 60c.

Especially adapted for garden culture in summer or house plants in winter. None better for bouquets. They will yield a mass of roses the entire season.

Bridesmaid. (See cut.) Bright pink, large and double. Easily grown. Grand winter bloomer. 20c. each, 2 for 35c.

Clothilde Soupert. A famous Polyantha Rose. Splendid bedder. Outer petals pearl white, shading to a rosy pink centre. 15c. each, 2 for 25c.

Souv. de Lawrence Guillot. A unique rose of many shades and colors in combination. Deep pink shading to peach, each petal bordered carmine. 20c. each, 2 for 35c.

Marian Cochet. Tea. Extra large deep pink flowers on long stems. Exquisite in bud or half bloom. 15c. each, 2 for 25c.

Marie Guillot. Large, pure white flowers, double to the centre. 15c. each, 2 for 25c.

Meteor. Dark, velvety crimson. Flowers perfect shape, either in bud or fully opened. 15c. each, 2 for 25c.

Perle des Jardins. The finest yellow rose for summer or winter blooming. 15c. each, 2 for 25c.

Queen's Scarlet. Rich crimson, changing to light scarlet. 15c. each, 2 for 25c.

FOR 60 CENTS we will send one each of above Eight Choice Roses.

BRIDESMAID.

LA FRANCE ROSES.

Famous for their hardiness, lovely and fragrant flowers.

La France. One of the most beautiful and popular of all roses, unequaled by any in its delicious perfume. Very large, double and superbly formed. Color light rose, shaded silvery peach. Difficult to convey any idea of its beautiful coloring. 15c.

Duchess of Albany. (The Red La France.) A sport from the well-known La France, but larger in size, deeper in color and of more expanded form. Grand large buds. 15c.

Augustine Guinoisseau. (The White La France.) The color of the flowers, while not a pure white, is of a most delicate blush, shaded lighter at the edge of petals. A strong grower and profuse bloomer. 15c.

Madame A. Veysset. (The Striped La France.) Exquisite colorings, satiny peach pink, striped and shaded white and rose. 15c.

FOR 50 CENTS we will send postpaid one good strong plant of all Four La France Roses.

GRAND HARDY CLIMBING ROSE.

Crimson Rambler

An extremely rapid grower, bearing

Crimson Flowers in Marvelous Profusion.

Makes shoots eight to ten feet long the first season. Strong, field grown plants. By express only, each, 25c.

SPECIAL OFFER.

6 New Roses..... 75c	All for $1.50
8 Ever-Blooming Roses 60c	
4 La France Roses.... 50c	
Value - - $1.85	

We will send prepaid one good plant of the 18 varieties, all distinctly labeled, for $1.50.

HYBRID PERPETUAL ROSES.

The flowers of this class of roses show the most brilliant colors imaginable. They are of immense size, 5 inches and over in diameter, and during the blooming season of the Hybrid Perpetuals no other flower will equal them in brilliancy or variation of color and exquisite fragrance. No garden is complete without a bed of these beautiful roses. Although perfectly hardy they are benefited by a covering of straw during the severe season. We contract for immense quantities of these roses in Europe, receiving extra strong 2-year-old stock, which has never failed to meet with approbation from our customers. Owing to their extra large size they are suitable for immediate effect and admirably adapted for the formation of permanent rose beds.

Alfred Colomb. Crimson, large, fragrant flowers.

Anne de Diesbach. Bright rose color, very large.

Abel Carriere. Purplish crimson, shading in the centre to fiery red.

Antoine Mouton. Deep rose fringed with lilac; full form.

Baroness de Bonstetten. Dark red, very double flowers, exceedingly fragrant.

Baroness Rothschild. Light rose; splendid.

Boule de Niege. Pure white; very full and fragrant.

Captain Christy. Delicate flesh color; splendid foliage.

Coquettes des Alpes. Pure white flowers, exquisite form, blooming in clusters.

Francois Michilion. Deep pink, reverse of petals silvery.

Fisher--Holmes. Rich velvety crimson, large and fragrant.

Francois Levet. Clear bright rose, delicately shaded carmine.

HARDY ROSE.

General Jacqueminot. Rich velvety crimson; magnificent bud. A universal favorite.

General Washington. Red, shaded with crimson.

Giant of Battles. Intense crimson, delightfully fragrant.

La France. Silvery rose, flower large and of distinct fragrance.

La Reine. Clear light rose; perfectly hardy, fine form.

Mme. Plantier. Pure white; a favorite for cemetery decoration.

Mabel Morrison. Pure white; very double, and of round form.

Mme. Victor Verdier. Crimson and carmine.

Magna Charta. Pink, suffused with rose; immense flowers.

Paul Neyron. Deep rose color; largest of all, perfect in form.

Prince Camille de Rohan. Velvety crimson, shading to dark maroon; very handsome.

Perles des Blanches. Pure white, an exceedingly free bloomer.

Ulrich Brunner. Cherry red flowers, beautifully shaped buds.

Extra strong plants, two years old, **25c.** each: $2.50 per dozen; 25 for $4.50, by express only, not prepaid.

CLIMBING ROSE.

CLIMBING ROSES.

These are old favorites to cover arbors, verandas, etc. They bloom very profusely early in the summer and are perfectly hardy

BaltimoreBelle One of the very best of climbing roses, rose and carmine tinted.

Gem of the Prairie. Crimson, more hardy than the others.

PrairieQueen. Clear, bright pink, a standard sort.

Seven Sisters. White, varies to crimson pretty, but not of as easy culture as the others. Very large plants 30c; each, $2.75 per dozen; by express only not prepaid.

PERSIAN YELLOW.

An elegant, hardy, golden-yellow rose, which stands our hardest winter of the North perfectly. Fine large plants **30c.** each; per doz., $2 75; by express only not prepaid.

MOSS ROSES.

This class is much admired for their beautiful buds. They are perfectly hardy, bearing hardships and neglect well, but any extra care in enriching the ground and cultivating thoroughly is liberally rewarded with extra large sized buds; very desirable for culture in open ground.

Perpetual White.

Salet. Bright rosy red: pretty buds.

Souperte Notting. Rose, very large flowers.

Province Unique. The largest white.

Chapeau de Napoleon. Rose, one of the best.

Extra large plants, two and three years old 30c. each; $2.75 per dozen, by express only not prepaid.

TREE ROSES.

The Tree Roses, we semi-annually import from one of the best Rosarians in Europe, cannot be too highly recommended as strictly first-class, healthy stock of good shape. They are about 4 to 5 feet high, and therefore, can be shipped by express only. In ordering please state what color you desire. $1.00 each; 2 for $1.75; $9.00 per dozen; 25 for $16.00, not prepaid.

TREE ROSE.

Hardy Herbaceous Perennial Plants.

For Permanent Planting in GARDEN BORDERS, CEMETERY PLOTS, Etc.

ONE of the most interesting features in Lincoln Park (this city) is the long stretch of border devoted exclusively to hardy herbaceous perennials. The gardener in charge of this section states with pride, that throughout the entire season an open flower can be found on some one of the plants in the collection every one of the twenty-four hours of the day.

Hardy Perennials are the plants to set out in the locations where but little care can be given. They start into growth readily, increasing yearly in vigor and perfection. For busy people who have not much time to devote to the cultivation of annuals and bedding plants, we unhesitatingly advise the liberal planting of these perennials.

Prices are for large field-grown plants to be shipped by express. We will send smaller ones, postpaid, at same price, when their size will admit of mailing.

HARDY ASTERS.

Very pretty flowers in all shades of colors; bloom in October. Each, 15c.; doz., $1.25.

BLEEDING HEART.

(DICENTRA SPECTABILIS.)

Rose colored, heart-shaped, flowers in great abundance in April and May. An excellent plant for the cemetery or open border. Easily cultivated; 2 feet. Each, 15c., postpaid. Larger roots will be sent in express or freight orders.

COREOPSIS LANCEOLATA.

Bright golden-yellow, flowers the entire season. It is a good cut flower for vases, etc. Those who desire a plant which gives abundance of flowers for table decoration will find it in this. Each, 25c.

DELPHINUM FORMOSUM.

(PERENNIAL LARKSPUR.)

Should be planted extensively even in the smallest garden. Its long spikes of bright blue flowers make a show from June until frost. Each, 20c.; 3 for 50c.

PÆONY.

DAY LILY, or Funkia.

A handsome, showy plant, with beautiful large broad leaves. Flowers large, resembling Lilies, pure waxy white, borne in large trusses. Very fragrant, likes partial shade. Each, 25c.; 3 for 70c.

Yellow. Large golden-yellow, flowers July and August. Each, 20c.; 3 for 50c.

Variegated Leaved. Green and white leaves and purple flowers. Each, 25c.; 3 for 70c.

IRIS.—(FLEUR-DE-LIS.)

German. Thrive in low ground, marshy places, or on edges of ponds. Broad leaves, large ornamental flowers of rich and elegantly blended colors exquisitely striped with dark violet purple or bronzed lines, upon a lighter ground. We offer 6 distinct varieties. Strong roots, each, 20c.; one each of 6 for $1.00.

Japan. Different from German Iris. Narrow leaves, handsome, very large flowers in June and July. Each, 20c.; 3 for 50c.

PANSY PLANTS.

Grown from our celebrated "Florists Mixture." Every color and marking. Doz., 50c.; 30 for $1.00. *Not prepaid.*

GERMAN IRIS.

HOLLYHOCKS.

As a background in large borders, or beds of low growing herbaceous plants there is nothing better. Grow 5 to 6 feet. They require a deep, rich soil, and any extra care bestowed on them they will liberally repay in beauty of bloom. We have excellent young plants, raised from our celebrated strain of seed, and offer the following leading colors:

Pure White,	Dark Crimson,
Clear Yellow,	Deep Maroon,
Light Rose,	Flesh Color.

Strong roots, each, 20c.; doz., $2.00.

LILY OF THE VALLEY.

Strong clumps for outdoor planting, by mail, postpaid, each, 35c. *Not prepaid*, each, 20c.

PÆONIES.

We grow these in large quantities. They produce flowers almost rivaling the Rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and will produce larger and finer blooms when well established. We offer *white*, *rose* and *crimson*. Price, 30c each, 4 for $1.00.

PERENNIAL PHLOX.

A bed or border of Phlox is one of the grandest features of a garden, and even though left with little attention it does not materially interfere with their sturdy growth. Finest improved varieties, assorted, embracing all the leading shades. Single roots, 15c.; per doz., $1.50.

HARDY MAY PINKS.

Her Majesty. Low-growing flowers, purest white, as large as Carnation, rich, clove fragrance. Large, 30c. each; 4 for $1.00; young plants, 15c. each; 4 for 50c.

Old Grass Pink. The Flowers are fringed; deep rose color; very fragrant. 15c.; 4 for 50c.

Snow. Large, pure white; fine for cut flowers. Each, 15c.; 4 for 50c.

YUCCA.—(ADAM'S NEEDLE.)

Narrow, evergreen leaves. Bears in summer, creamy-white, bell-shaped flowers on a spike 3 or 4 ft. high. Young plants, each, 20c., postpaid. Stronger roots, 35c., *not prepaid.*

Hardy Ornamental Shrubs.

ONCE planted in a suitable situation, Hardy Shrubs increase in size and beauty from year to year with little or no further care. They very materially add to the attractiveness of the grounds.

Strong, well rooted plants are more certain to grow, and, too, they make a show much sooner. It has long been apparent to us that this is the most satisfactory size to offer. *We can forward only by express or freight. No charge for packing.* When possible to mail small plants will do so at these prices.

Varieties of Special Merit.

HARDY PLUMED HYDRANGEA.

(*Hydrangea Paniculata Grandiflora.*)

The finest hardy shrub in cultivation. Adapted to any part of the country, perfectly hardy, stands heat and cold remarkably well. For the cemetery there is no better shrub. Grows 3 to 4 feet high, blooms from July until frost. Its flowers are nearly a foot in length, white when they first open, afterwards changing to rose, remaining in good condition for weeks.

Bushy, *field-grown plants*, each, 20c.; doz., $2.00.

Tree form plants, 3 to 4 feet high. Will make fine specimens on the lawn or in the garden. Each, 65c., by express only

RHODODENDRON, or Rosebay.

Universally admitted to be the most magnificent, hardy *evergreen* shrub that grows. The flowers range through rose, pink, crimson, white, etc. The plants we offer are strong and bushy, well set with buds. Will bloom same season set out. Protect first winter with leaves or brush. *First size* (4 to 7 buds), each, $1.00. *Large size* (8 to 12 buds), each, $1.50.

NEW SPIREA, Anthony Waterer.

One of those exceptional novelties that occur only at rare intervals, adding richness and beauty to our garden. It outshines all Spireas in brilliancy of color, being a bright crimson, of dwarfer and denser growth, and in bloom the entire summer. Each, 35c.

SNOWBALL.—VIBURNUM OPULUS.

A well-known shrub which attains the height of 8 or 10 feet. Produces large balls of snow-white flowers in June. Large plants, each, 20c.

General List of Hardy Shrubs and Hedge Plants.

The month named gives the period of blooming. A judicious selection will give flowers all season. Price, *unless otherwise noted*, large, well-rooted plants, each, 25c.; doz., $2.50, *not prepaid.*

ALMOND. Double rose-flowered. Blooms very early in spring. Can be forced in pots.

ALTHEA, or Rose of Sharon. Erect growing, branching plants with double rose, purple or white flowers. August and September. Mixed, large strong plants.

BARBERRY, Purple. Violet colored foliage, showy red fruit, used in some localities for preserves.

CALYCANTHUS Floridus. (Sweet-scented Shrub.) Flowers dark chocolate, with pine-apple fragrance. Everybody likes this. June.

DEUTZIA Gracilis. A dwarf bush. Pure white flowers. June. A valuable plant for winter window gardening. Each, 15c.; 4 for 50c.

DOGWOOD, Red Twigged. Makes a strong bush. Stem and branches turn blood-red in winter. Flowers white. Very freely produced.

ELEAGNUS, Longipes. Silver-leaved. Flowers yellow, followed by orange-red berries, which, when cooked, make a delightful sauce. June.

FORSYTHIA Viridissima. Dark-green leaves, yellow flowers. April.

HONEYSUCKLE, Upright Tartarian. Spreading habit. Pink flowers, followed by red berries. May.

For Climbing Honeysuckle, see Page 94.

LILAC, Common Purple.

They stand more neglect, heat or drought without showing any bad effects, than any other plant and there is hardly any other shrub that can take their place as ornamental plants for borders, etc. May. **Common White.** Fragrant white flowers. **Persian.** More slender in growth and finer foliage than the common Lilac. Purple. **Persian White.** Flowers white. Good for cemetery decoration.

MOCK ORANGE, or Philadelphus.

Coronarius. Flowers early in June, showing large clusters of white fragrant flowers.

Aureus. Golden yellow foliage, that keeps the color well during the season, giving the plants a very unique and distinct appearance.

Cordata. Leaves heart-shaped, flowers large, pure white. Each, 20c.; per doz., $2.00.

FOUR GRAND SPIREAS.

Spiræas at any season are beautiful ornaments on the lawn. **Van Houttei,** when in bloom, is a complete fountain of white flowers, the foliage scarcely showing. Early. **Billardi.** Rose colored flowers. Blooms late. **Prunifolia.** (*Bridal Wreath.*) Double white. Early. **Reevesii, fl. pl.** Double white in clusters.

One each of the 4 prepaid for $1.00.

WEIGELIAS, during their flowering season, in June and July, are covered with lovely flowers. *Candida.* Pure white. Rosea, rose colored.

SPECIAL OFFER: We will send 12 hardy, large shrubs, 12 sorts, *our selection*, for $2.00, by express or freight, *not prepaid.*

HEDGE PLANTS.

We can supply these on short notice. Write for price on large quantities. Not prepaid, per 100.

Osage Orange, 2 years	$1.00
Honey Locust, 2 years	1.50
Privet, 18 to 24 inches	7.50
Berberry, common, 15 to 20 inches	5.00

A Page of HARDY CLIMBERS.

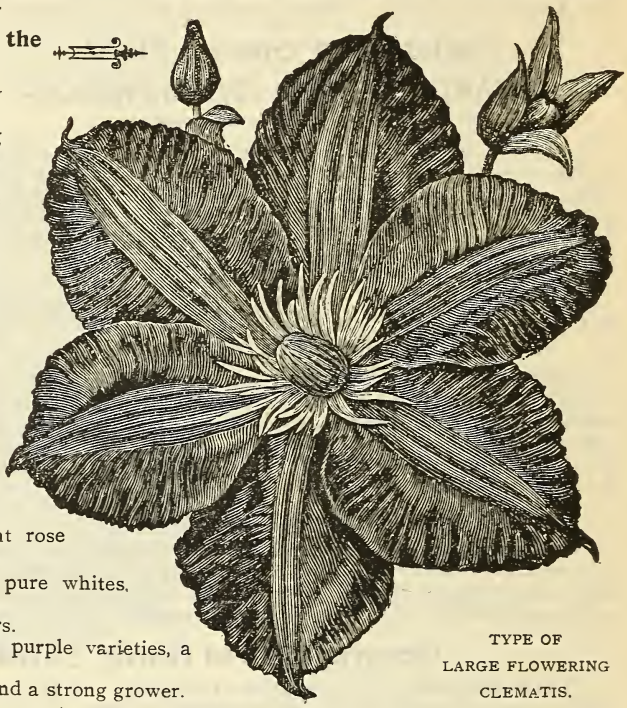
EVERYONE who is the fortunate possessor of a few feet of ground will gladly devote some space to the cultivation of the graceful and easy-growing climbers. They thrive and flower everywhere, even in our crowded, smoky cities, where light and sunshine is limited to a few hours daily, and where most of the hardy shrubs refuse to take hold, or in situations more congenial.

CLEMATIS, The Queen of the Climbers.

For covering verandas, pillars, trellises, or any unsightly tall object, there is nothing to compare with the Clematis. It is a rapid grower, reaching a height of fifteen feet during the season. Its enormous flowers, four or five inches across, are produced in such profusion as to almost hide the foliage. They are both beautiful and lasting.

Plant at any time, from April to June, and deep enough so that the crown of the roots will be at least four inches below the surface of the soil.

Our Clematis plants are from the best European growers. *They are extra size, three-year-old roots. We can ship by express only, and prices do not include prepayment.*



TYPE OF LARGE FLOWERING CLEMATIS.

Large Flowering Clematis.

Price, 3-year-old plants, each, 60c.; 3 for $1.50; doz., $6.00.

JACKMANII. The best known of the family. *Rich, royal purple flowers* from July to October.

Mad. Baron Viellard. Flowers very large; light rose with lilac shadings; very distinct.

Duchess of Edinburgh. The best of the double pure whites, deliciously scented.

Miss Bateman. White, with chocolate-red anthers.

Gipsy Queen. One of the very finest of the rich purple varieties, a strong grower and free bloomer.

Henryi. The best of the white sorts. Robust and a strong grower.

Fragrant, Small Flowering Clematis.

These are strong, well-rooted plants. They weigh less and are not as large as the imported stock. We will send small plants of following, by mail, at prices quoted. Larger ones are used for express orders.

Coccinea. Entirely hardy. Bears thick, bell-shaped flowers of a bright coral-red color, from June until frost. Each, 25c.; 5 for $1.00.

Flamula. (*Virgin's Bower*) Vigorous grower. When trained on trellis work its pure white flowers look like a mass of snow. Each, 25c.; 5 for $1.00.

PANICULATA. (New Sweet-scented Japan Clematis.) In our opinion this fine vine takes equal rank with the Boston Ivy (*Ampelopsis Veitchii.*) It grows amazingly fast, and bears pure white flowers in great sheets during September. It is as fragrant as a Jasmine, and hardy as an oak. Field grown plants, each, 40c.; 3 for $1.00.

SPECIAL OFFER:—One good strong plant of each of the above 9 Clematis for $3.50, not prepaid.

HONEYSUCKLES.

Well-known climbers, blooming at intervals through the summer and autumn, and retaining the foliage late in the winter. Each, 25c., not prepaid.

Sweet-scented Monthly. Red and yellow.

Scarlet Trumpet. Scarlet flowers.

Japan Golden Leaved. Yellowish flowers; variegated leaves, beautifully netted; very desirable.

Hallianna. Introduced from Japan by Dr. Hall, and, though comparatively unknown, is one of the best Honeysuckles grown. It is a vigorous and rampant grower and an evergreen, producing flowers of pure white, changing to yellow. Very fragrant, and covered with flowers from July till frost; holds its leaves till January. A very good bloomer.

AMPELOPSIS.

VEITCHII. (BOSTON IVY.) This is *the* vine so well adapted to and freely used for training on stone walls, around porches and window frames. It clings to the smoothest surface, its overlapping leaves forming a mass of dark-green foliage. This, in autumn, assumes lovely crimson and yellow tints. Small plants, each, 15c.; 4 for 50c., postpaid. Strong, well-rooted plants, each, 25c., not prepaid.

QUINQUEFOLIA. (VIRGINIA CREEPER.) Native vine; a very, rapid grower. Used to cover dead trees, unsightly fences, etc. Green leaves, which take on beautiful tints in fall. Large plants, not prepaid, each, 25c.

DUTCHMAN'S PIPE.—(ARISTOLOCHIA SIPHO.)

A rapid grower, with large, heart-shaped leaves and brownish, sweet-scented flowers, which resemble in shape a miniature pipe. Large plants, not prepaid, each, 35c.; 3 for $1.00.

TRUMPET CREEPER.—(BIGNONIA RADICANS.)

Will flourish under most adverse circumstances. Flowers, orange-red, trumpet-shaped. Large plants, each, 40c.; 3 for $1.00, not prepaid.

WISTARIA.

They are well adapted to training on a stout wire or on walls. Very vigorous in growth. Purple flowers in long, pendant clusters. Large plants, each, 50c.

The Hardy Climbing Roses Crimson Rambler, Prairie Queen and Baltimore Belle, might be included in this list. For price and description see Rose pages.

Apple and Other Fruit Trees.

THERE is nothing so healthy as fruit—nothing so easily grown. Set out fruit trees in abundance and you will be well repaid.

Especial attention is called to the *very superior quality* of the nursery stock we supply. It is **first class** in every respect, **smooth, straight, handsome.**

We shall be pleased to quote prices on different sizes, larger quantities, or other nursery stock than herein named. In corresponding, please state definitely size and number required. Korrespondenzen in deutscher sprache.

PACKING *and delivery* to railroad depot or express office **free of charge.** For light shipments we advise express; larger quantities or heavy packages generally go safely by freight. Purchaser pays transportation charges.

Please order early. Make out your list *today.* We will ship your stock just as soon as soil and weather permits, and notify you when we have done so.

We supply six at dozen, twenty-five at hundred rates.

APPLES.

Our Apple Trees are especially fine, 5 to 7 feet high.

Price, unless otherwise noted, each, 25c.; doz., $2.50; 100 $15.00.

Our selection of sorts, each 20c.; doz., $2.00; 100, $12.00.

Special rates made on large lots.

Summer and Autumn Varieties.

Early Harvest. Medium, pale yellow. July and August.

Red Astrachan. Large, beautiful deep crimson.

Duchess of Oldenburg. Large, yellow streaked red, juicy, rich, sub-acid.

Alexander. Large beautiful red apple.

Keswick Codlin. Large, pale yellow, fine for cooking and market. Ripens in July and August.

Snow. Medium, brilliant crimson, mild and agreeable. October.

Maiden's Blush. Large, beautiful.

Wealthy. Large, red, sub-acid.

Yellow Transparent. Earliest and best; white, tender, juicy, sub-acid.

Winter Varieties.

Baldwin. Bright red, juicy, crisp.

Ben Davis. Large, handsome, striped, valuable.

Northern Spy. Large, striped, mild, sub-acid.

Jonathan. Medium, red, extra quality.

Rhode Island Greening. Large, greenish yellow, tender, rich acid. Each, 35c.

Talman Sweet. Medium, pale yellow.

Wagener. Good size deep red in the sun; flesh firm, sub-acid, excellent.

CRAB APPLES.

Early and annual bearers; hardy and ornamental. Price, 5 to 7 ft., each, 25c.; doz., $2.50; 100, $15.00.

Hyslop. Large deep crimson; one of the most beautiful of crabs. October to January.

Transcendant. Immensely productive, bright red. September and October.

Whitney. One of the largest, glossy green, splashed carmine, firm, juicy, excellent for cider. August.

Yellow Siberian. Large, beautiful golden yellow. September and October.

BISMARCK APPLE.

A New Zealand production. Tested and found to be very hardy in this country and Europe. *Bears when only two years old.* Largely grown in pots for decorative purposes Fruit golden yellow, large, handsome; flesh tender, delicious flavor fine for cooking. Will keep into March. Young plants, 25c. each by mail, postpaid. Extra large, 50c. each, express or freight.

PEARS.

Those marked (*) can be supplied in standard, (5 to 7 ft.) or dwarf form (4 to 5 ft.) at the same price.

Unless noted, each, 40c.; doz., $4.00; 100, $25.00.

***Bartlett.** Buttery, juicy, great bearer.

***Idaho.** A month later than Bartlett, golden yellow with russety spots.

Kieffer. Russety yellow. Best for canning.

***Koonce.** Ripens with the earliest. Yellow with carmine cheek. A leading market sort.

***Lincoln Coreless.** Winter. Solid meat almost no core; very large, each, 50c.

***Seckel.** Small, yellowing brown, red cheek.

CHERRIES.

First-class trees, 4 to 6 ft., each, 40c.; doz., $4.00; 100, $25.00.

Black Tartarian. Sweet, black, large, juicy, rich. Makes a good shade tree also; late June.

Early Richmond. Best early, dark red, sub-acid, juicy. June.

English Morello. Blackish red, rich, acid, juicy. August.

PEACHES.

Perfectly healthy trees, with splendid roots. Unless noted, 4 to 6 ft., each, 20c.; doz., $2.00; 100, $15.00.

Alexander. Freestone; white and red. July.

Crawford's Early. Freestone; yellow and red. September.

Crawford's Late. Freestone; very large. October.

Foster. Freestone; yellow and red. September.

Hale's Early. Freestone; rich and juicy. August.

Oldmixon. Freestone; large, highly flavored. September.

Stump-the-World. Very attractive; fine. September.

Yellow Rare-Ripe. Freestone; yellow. August.

Yellow St. John. Ripens about ten days after Hale's. Nearly as large as Crawford, fully equal in color and of superior flavor; fruit round, brilliant, showy. August.

Young Fruit Trees, Grape Vines, Etc., by Mail, Postpaid.

One-year trees and vines, *finely rooted,* cut back suitable for mailing, *guaranteed to reach you in good condition,* with proper treatment are almost certain to live and do well. Those wishing to plant small lots, to make small investments, *to save freight or express charges on long distance shipments,* to plant young thrifty stock and train according to their own requirements, will find this size admirably suited to their needs.

Apples, except Bismarck, each, 10c. **Crab Apples,** each, 15c. **Pears,** each, 25c. **Peaches,** each, 15c. **Cherries,** each, 25c. **Plums,** each, 25c. **Grape Vines** each, 15c.

Fruit and Ornamental Trees.—Continued.

PLUMS.

Fine, healthy trees, 5 to 7 feet. Each, 30c., doz., $2.50.

Abundance. (Japan.) Lemon-yellow, overspread with cherry; flesh orange-yellow, juicy and tender; abundant and annual bearer. August.

Pottawattamie. (Native.) Strong, vigorous grower, hardy and an immense bearer; fruit large, yellow ground, overspread with pink and white dots. August.

Wild Goose. Fruit medium; red, with blue bloom; flesh juicy and sweet. July.

Shropshire Damson. Medium; dark purple, very productive; best for preserving. October.

QUINCE.

Meech. A vigorous grower and immensely productive. Fruit large, orange-yellow, fragrant. Cooking qualities unsurpassed; each, 30c., 4 for $1.00.

RUSSIAN MULBERRY.

Hardy, vigorous grower; valuable for feeding silk worms, etc. Fruit of small size; varies in color from white to black. Young trees, four to five feet, each, 30c.; 4 for $1.00.

GRAPE VINES.

Strong, well-rooted, two-year-old plants, shipped by express or freight only. Special prices on large lots.

Brighton. Very early; large bunch and berry, dark red; the best of its color for table use.

Concord. Ripens about middle of September; purplish black. A grape anybody can grow.

Delaware. Red. Bunch and berry medium size. Each, 15c.

Martha. The oldest hardy green, turning to pale yellow when fully ripe.

Niagara. Light greenish white. Sweet to the center. Vine hardy and very productive. September.

Moore's Early. Black, with heavy blue bloom. Two weeks earlier than Concord.

Pocklington. Light golden yellow; bunches very large; sweet and juicy. Quality much superior to Concord.

Price, except noted, each, 20c.; doz., $2.00. Our choice of sorts 15c. each; $1.50 per doz.

ELEAGNUS LONGIPES.

A shrub from Japan, of the Olive family. It grows to the height of five feet or more; begins to fruit when two or three years old. Fruit ripens about July 4. It is fleshy, juicy, bright red. Used the same as cranberries. Makes delicious sauce. Young plants by mail, each, 20c., 6 for $1.00, postpaid. Strong plants, 2 feet, each 25c.; doz., $2.50, not prepaid.

EVERGREENS.

They are grown either as single specimens, or for making compact hedges around cemetery plots and other locations.

Arbor-vitæ, American.	1½ to 2 ft.	Each, 40c.
Juniper, Irish.	For cemetery use, 2 ft.	" 50c.
" **Virginica.**	(Red Cedar.)	" 50c.
Pine, Austrian or Scotch.	2 to 3 ft.	" 50c.
" **White.**	Forms a tree. 1½ to 2 ft.	" 50c.
Spruce, Norway.	For hedges; 2 to 3 ft.	" 50c.
" **Colorado Blue.**	12 to 15 inches.	" 75c.

NUTS.

Set out Nut Trees instead of Nuts.

Almost every farmer now plants a few Nut Trees each season. Probably no branch of tree cultivation yields such profitable results, nuts in many cases paying better than many farm crops.

Prices named are for transplanted trees, mostly 3 to 4 feet, for shipment by express or freight. Small, one-year-old trees by mail, each, 15c., postpaid.

Butternut. Each, 30c.; doz., $3.00.

Chestnut, American Sweet. A valuable article of commerce. Each, 25c.; doz., $2.50.

Filbert, English: Hardy, succeeding on almost all soils. Early and abundant bearer. 25c., doz., $2.50.

Hickory, Shellbark. Wood prized for mechanical use as well as fuel. Nut rich and meaty. 40c., doz., $4.00.

Walnut, Black. Valuable for its timber. Each, 30c.

Walnut, Japan Sieboldi. Perfectly hardy. Valuable as a nut and ornamental. Meat is sweet, flavor like butternut. Nuts produced in clusters of 15 or 20. A valuable introduction that should be extensively planted. Each, 40c.; doz., $4.00. Mailing size, each, 20c., postpaid.

SHADE TREES.

For street trees there is nothing better than the Rock or Sugar Maple; Ash is good. For lawns, Cut-leaved Weeping Birch is one of the most beautiful. Linden, Tulip, Maple, Ash, Elm, etc., should have a place in large grounds.

Ash, White. 6 to 8 feet. Each, 50c.; doz., $5.00.

Ash, European. 6 to 8 ft. Each, 50c.; doz., $5.00.

Catalpa, Speciosa. 6 to 8 ft. Each, 50c.; doz., $5.00.

Catalpa, Tea's Japan. 6 to 8 ft. 50c., doz., $5.00.

Elm, American. 6 to 8 ft. Each, 50c., doz., $5.00.

Horse-chestnut. 4 to 5 ft. Each, 50c.; doz., $5.00.

Linden, American. (Basswood.) 6 to 8 ft. Each, 60c.; doz., $6.00.

Maple, Norway.	6 to 8 ft.	Each, 50c., doz., $5.00.
" **Sugar or Rock.**	6 to 8 ft.	50c.; doz., $5.00.
" **Silver.**	6 to 8 ft.	Each, 40c.; doz., $4.00.
" **Ash Leaved.**	6 to 8 ft.	Each, 40c.; doz., $4.00.
Tulip.	(Whitewood.) 5 to 6 ft.	45c.; doz., $4.50.

WEEPING TREES.

The drooping branches of Weeping Trees make this class desirable for cemetery decoration.

Birch, Cut-Leaved.	6 to 8 ft.	Each, 75c.
Beech, Pendula.	2 to 3 ft.	" $1.00.
Elm, Camperdown		" 75c.
Mountain Ash		" 75c.
Mulberry, Tea's.	Two-year heads	" 75c.
Willow, Wisconsin.	3 to 6 ft.	" 50c.

CHOICE SMALL FRUITS.

The Best only in each class. Suited to any part of our country and selected with a view to keeping up a continuous crop throughout the season. Our stock is all vigorous and in best condition.

STRAWBERRIES.

Price *unless otherwise noted*, doz., 35c; 100, $1.25, postpaid. *Not prepaid*, per 100, 75c; per 1,000, $4.00.

NOTE. Those marked (p.) are pistillate or imperfect flowering sorts and need perfect varieties among them, say every third or fourth row, to insure a crop of fruit.

Timbrell. (p.) Late. Dark crimson, sweet and rich. Doz., 50c; 100, $1.50. *Not prepaid*, 100, 75c; 1,000, $5.00.

Parker Earle. Midseason. Does well on high soil. Doz., 40c; 100, 95c. *Not Prepaid*, 100, 75c; 1,000, $5.00.

Jessie. Midseason. Large, handsome berry. Good fertilizer, strongly staminate.

Crescent. (p.) Early, continues a long time in fruit Light scarlet.

Warfield. (p.) Midseason. Firm, large, productive and splendid quality.

Bubach. (p.) Second early. Very prolific. Stands hot weather well.

Wilson. Second early. Dark red, slightly acid.

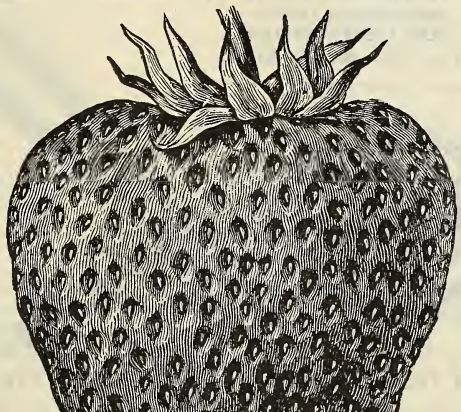
Sharpless. Late. Light red, firm, large size, delicious aroma.

Chas. Downing. Midseason. For home use not excelled.

OUR STRAWBERRY COLLECTION.

100 plants, 4 distinct sorts, our choice, prepaid, $1.00.

Special low prices for strawberry plants in large quantities.



MARSHALL.

The gem of early Strawberries. Very large, fine-grained; *14 berries have been known to fill a quart box.* Dark crimson to the core. *Quality and flavor unsurpassed.* Doz., 60c; 100, $2.00.

CURRANTS.

Indispensable for table use, jellies, etc. Set four feet apart in rich ground. Use Peroxide of Sillicates (see last page) for the currant worm. *Our plants are two years old, requiring to be cut back for mailing. We would advise shipment by express or freight*, unless noted. Price each 15c.; 3 for 40c; doz., $1.50 postpaid. *Not prepaid*, doz., $1.00; 100, $5.00.

BLACK CHAMPION. Very productive, large bunch and berry, excellent quality, vigorous grower. The leading black sort for home and market.

CRANDALL. Wonderfully productive, a strong, vigorous grower, usually producing a crop next year after planting; fruit blue-black, of large size, one-half to three-quarters inch in diameter; easily picked; can be shipped farther and kept longer than any other small fruit. Free from attacks of insect enemies. Each, 20c., 6 for $1.00. *Should go by express.*

Fay's Prolific. *The best red Currant.* Large stems and berries, uniform in size, very productive, easily picked. For home use or market, the leading variety.

Red Dutch. An old standby, productive and of good quality. Berry medium, long bunch.

White Dutch. Similar to Red Dutch, except in color.

White Grape. Very large, yellowish white, sweet, or very mild acid, excellent quality and valuable for the table. The finest of the white sorts. Very productive. Valuable for home and market use.

RASPBERRIES.

Plant in rows 5 feet apart, 3 feet apart in rows. Price each, 10c, 4 for 20c; doz., 50c; 100, $1.75, postpaid. *Not prepaid*, doz., 40c.; 100, $1.50.

Cuthbert. Red. Hardy. The leading market sort.

Golden Queen. Yellow. Seedling of Cuthbert. Hardy, sweet. Splendid quality.

Shaffer Black. Early. An A 1 family variety.

Gregg Black. Late. Very productive. Largely grown for market.

BLACKBERRIES.

Plant in rows six feet apart, 3 feet apart in row. Our plants are heavily rooted and extra size. Price each, 10c., 3 for 20c; doz., 60c; 100, $2.50 postpaid. *Not prepaid*; doz., 50c; 100, $1.75.

Early Harvest. Dwarf grower; enormous yielder. Fruit excellent quality. Not entirely hardy.

Snyder. Extremely hardy, vigorous and productive. The standard sort for all sections of the country.

DEWBERRY.

Lucretia. Trailing blackberry. Early, hardy. Fruit soft, sweet and luscious. Each 10c; doz., 50c; 100, $2.00 postpaid. *Not prepaid*, doz., 30c; 100, $1.25.

GOOSEBERRIES.

Set four feet apart in rich soil. Two-year-old plants. Too large to mail. Must go by express or freight.

Industry. An English sort. Berries dark red, rich and excellent flavor. Upright grower, strong cropper. Each 25c; 5 for $1.00; per 100, $10.00. *Not prepaid.*

Houghton. American. Berries pale red, tender, sweet. Plant spreading and very productive. Each 10c; doz., $1.00; 100, $4.50. *Not prepaid.*

Red Jacket. An American seedling of large size, smooth, prolific and hardy, of best quality. Has been well tested over a wide extent of territory by the side of all the leading varieties, and so far the freest from mildew, both in leaf and fruit, of them all. 25c.

DWARF JUNEBERRY.

This will be found a good substitute for the large or Swamp Huckleberry or Whortleberry, which it resembles. The fruit is borne in clusters, reddish purple in color, changing to bluish-black. In flavor it is of mild, rich sub-acid; excellent as a desert fruit or canned. It is extremely hardy. In habit it is similar to the Currant. Each, 15c.; doz., 75c., by mail or express.

Buffalo Berry. Fruit resembles Currants. Esteemed for pies, tarts, preserves, jellies, etc. Very constant and prolific bearer, entirely hardy in all sections and will thrive anywhere. Each, 15c., doz., 75c.

Japanese Raspberry (Wineberry). Berry round; deep red, glossy, handsome; of medium size, and fairly firm. Borne in large clusters, and each berry at first tightly enveloped by the large calyx, forming a sort of burr, which is covered with purplish red hairs. Each, 15c.

TOOLS AND IMPLEMENTS.

The Genuine Matthews Seed Drills, Single and Combined; Hand Cultivators and Wheel Hoes.

The Best Line of Implements for Planting and Cultivating Vegetable Crops to be found in America.

☞We deliver to any Depot or Express Office in Chicago at prices given here.

Matthews New Universal Drill.

THE STANDARD DRILL OF AMERICA.

It works on the agitator principle, which is certain in its action, and much preferable to any other method in dropping the seed, and besides there is nothing liable to get out of order or bind in the operation.

It opens the furrow, drops and covers the seed, rolls down the earth over it and marks the next row, all by simply pushing the drill forward. It sows with evenness and rapidity Peas, Beans, Broom Corn, Onion, Beet, Carrot, Parsnip, Sage, &c.

Complete Catalogue of Matthews Hand .....GARDEN TOOLS..... Free on Application.

It is provided with an indicator having the names of different seeds thereon. Before planting turn the indicator around until the name of the seed to be sown comes to the pin at the top. The index is right under your eye while the hopper is easily watched. The flow of seed can be instantly shut off by means of the attachment shown on the handle.

Beware of cheap imitations of this Drill. None genuine but those having the Patent Indicator,

Price, boxed, $5.50.

MATTHEWS GARDEN GEM DRILL.

This machine operates almost identically the same as the regular Matthews Garden Drill, but is smaller pattern. It will sow with equal accuracy most seed as perfectly as the most expensive drill, but is not large enough for the coarser seed like beans, peas and corn. It is just the thing for people with a small garden where fine seeds such as turnips, onions, carrots, etc., only, are planted. It will make the furrow, drop and cover the seed and mark the next row as perfectly as any machine. It is low priced, works like a charm and does its work thoroughly and well. This drill does not have the new seed cut-off.

Price, boxed, $4.50.

MATTHEWS "HILL AND DRILL" SEEDER.

The implement is the same in style and working qualities as the Garden Drill just described, but it is arranged so as to drop the seed either continuously in drill, or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. The adjustment from drills to hills is made by one screw. The distance apart is regulated by the number of cogs on the Driving Wheel against which the agitator strikes. The seed cannot drop except when the hole in bottom of Seed Box is opened. This saves seed, as no more can be dropped at a time than is desired, no matter what the distance may be. If this implement is wanted, be sure and order the "Hill and Drill Seeder," as the regular garden drill cannot be fitted with the attachments. **Price, boxed $6.75.**

MATTHEWS COMBINED DRILL, CULTIVATOR, PLOW, RAKE AND DOUBLE WHEEL HOE.

Six Machines in One.
PRICE, BOXED,
only $7.00.

This illustration shows the Combination Implement as a Double Wheel Seeder—also the attachments. It is not only a desirable combination of the Garden Drill already described, with the New Universal Cultivating Attachments, but it has the advantage of being either a Double Wheel or Single Wheel implement at will, the change from the one to the other being readily made.

The two wheels are desirable, however, when used as a cultivator or wheel hoe, as in this way the rows of *young* plants may be straddled, and the cultivating done on both sides of the row at one passing. An especial feature of this implement is that when used in straddle row cultivation there is no projection below the frame to interfere with plants. The seeding and covering attachments can be readily removed when the implement is used for cultivating. It is not necessary to remove the seed box, but it can be taken off if desired, and the frame left without any unnecessary encumbrance. There are three adjustments for regulating depth when used as a Cultivator and five when used as a Seeder.

The combination is one which cannot fail of recommending itself to all. The attachments are: 1 pair Hoes, 5 Cultivator teeth, 1 pair Rakes, and 1 pair Plows.

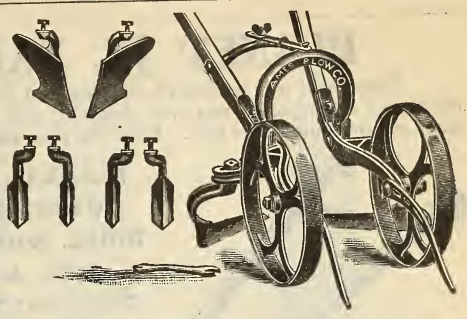
Remember, this is the only Combination Implement made that can be used either as a Seeder or as a Cultivator, with One or Two Wheels as desired. It is a perfect combination.

New Universal Double Wheel Hoe Cultivator, Rake and Plow.

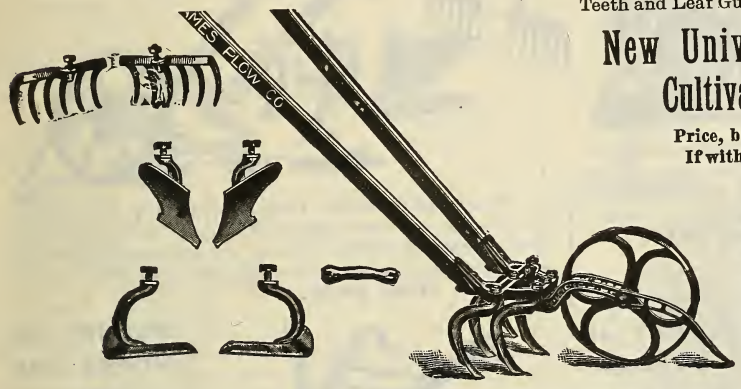
Price, boxed, $4.75.

SPECIALLY DESIGNED FOR WORKING BOTH SIDES OF THE ROW AT ONE PASSING.

This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which cannot fail of appreciation. The special recommendation is the *Adjustable Arch* by which not only the *depth* of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired. The attachments are 1 pair Hoes, 4 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 pair Vine Guards.



NEW UNIVERSAL PLAIN DOUBLE WHEEL HOE.



WITH ONE PAIR HOES ONLY.

Price, boxed, $3.00.

The same machine as the forgoing, Rakes, Plows, Cultivator Teeth and Leaf Guards omitted.

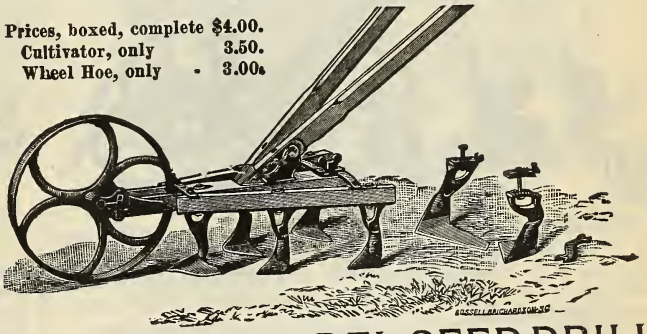
New Universal Single Wheel Hoe, Cultivator, Rake and Plow.

Price, boxed, with all attachments, $4.00.
If with one pair Hoe Blades, only, $2.25.

This is an improvement over other tools of this type. It can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of *young* plants under centre of frame. The adjustment for graduating the depth of cultivation is unique and readily accomplished. The attachments are 1 pair Hoes, 5 Cultivator Teeth, 1 pair Plows, 1 pair Rakes, and 1 Vine or Leaf Guard.

Matthews Hand Cultivator and Wheel Hoe.

Prices, boxed, complete $4.00.
Cultivator, only 3.50.
Wheel Hoe, only 3.00.



This is one of the best implements in use for weeding between row crops, and for flat cultivation generally, and is an indispensable companion implement to the Seed Drill. It is thoroughly constructed, very durable, and easy to operate. It spreads from 6 to 14 inches, and will cut all the ground covered, even when spread to its greatest extent. The depth of cultivating may be accurately gauged by raising or lowering the wheel, which is quickly done. We can furnish for the Matthews Hand Cultivator, if if desired, a pair of superior style Hoes, with long steel blades, for use in exchange with the Cultivator Teeth, which are easily and quickly adjusted, or we can furnish the implement with Hoe Blades, and without Cultivator Teeth, if desired.

HAND WHEEL PLOW.

This little labor-saving implement is one that commends itself to all gardeners. Many who could not find time to keep a garden if attempting its cultivation with the ordinary hand hoe can raise their own vegetables successfully with this. It can be used to prepare the ground, to furrow out, to cover and to cultivate. The mould board is of steel, polished and tempered. **Price, $2.25.**

The "Acme" Seed Drill.

PRICE, BOXED, ONLY $1.00.

THE ACME DRILL will distribute Beet, Cabbage, Carrot, Celery, Lettuce, Radish, Turnip and all such seeds with **perfect regularity**. It is utterly impossible for it to sow anything but accurately, and will cover **ten times** the ground that can possibly be covered by hand. It is simple in construction, so easily understood that a child can be instantly taught to use it; so simply constructed it is impossible to get out of order.

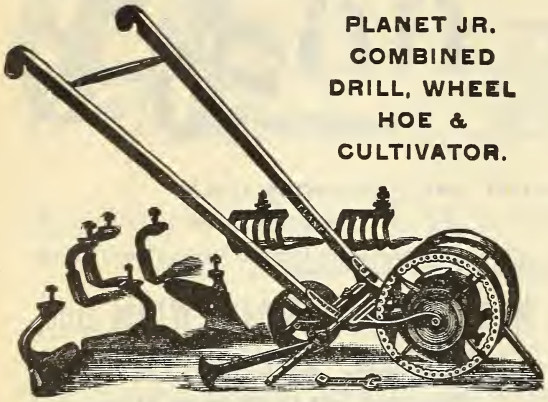
NEW MODEL SEED DRILL.

PRICE, BOXED, $5.50.

One of the best and cheapest drills in the market. Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. The operator is usually told, in substance, that, "if one hole don't suit, try another." This adjustment in the Model is accomplished in a very simple and effective manner by use of a slide with a pear-shaped opening passing under the bottom of seed reservoir, which is provided with a perforation of similar shape, in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair's breadth variation between, a vital point in a perfect seed drill. This index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. *As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference.* The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord or ring on the handles. The main wheel is of larger size and of unusual width, preventing its sinking into soft earth. The opening plow is steel and adjustable in depth. Packed, weighs about 40 pounds. Price, boxed, $5.50.

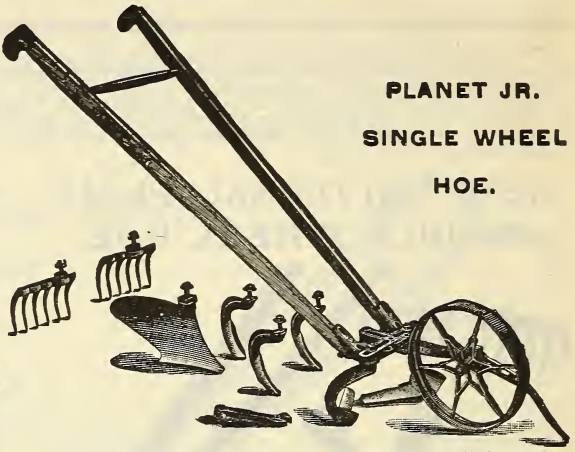
PLANET JR. FARM AND GARDEN TOOLS.

Space will not permit illustrating and describing all of the Planet Jr. tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. Planet Jr. goods are standard machines—the best. Combine your seed and tool orders and save freight.



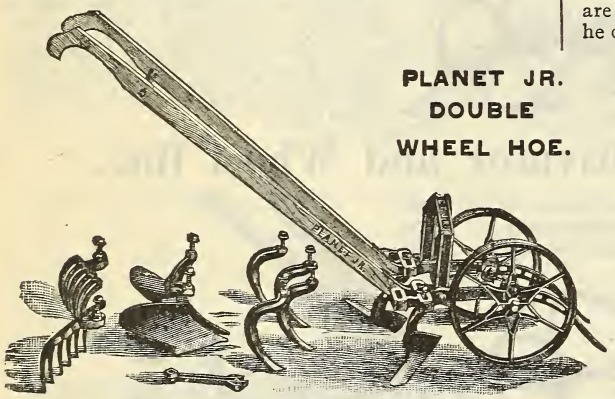
PLANET JR. COMBINED DRILL, WHEEL HOE & CULTIVATOR.

This most popular tool is suitable for either farm or garden. It is an excellent sower; holds one quart. Is a first class double wheel hoe when plants are small, an excellent wheel scuffle hoe. Opens furrows for beans, corn and potatoes and covers them. **Price, $9.00.**



PLANET JR. SINGLE WHEEL HOE.

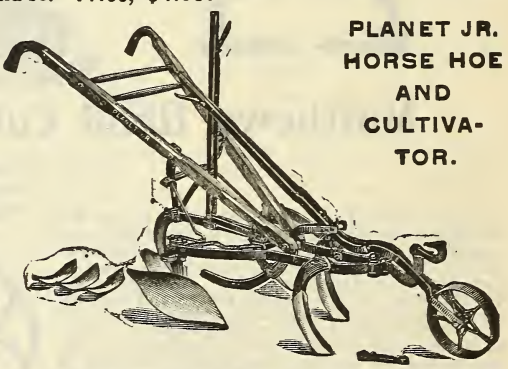
This is an excellent Tool, considerably lighter than the Double but does almost the same variety of work. It is capable of a great variety of combinations and we are sure that every one who tries this tool will be glad he did so. **Price, $4.50.**



PLANET JR. DOUBLE WHEEL HOE.

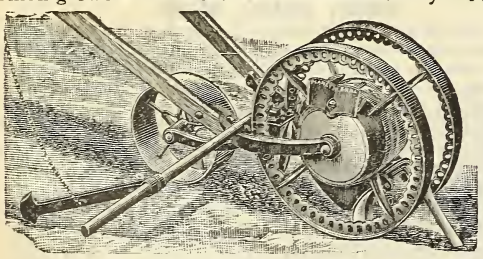
This machine is a Double Wheel Hoe, Cultivator, Rake and Plow combined and has the invaluable feature of tending both sides of the row at once. It is sent out with all the tools shown in the cut making it capable of every variety of gardener's work. **Price, $6.00.**

PLANET JR. PLAIN DOUBLE WHEEL HOE. For onion growers and those who want a Hoe only. **Price, $3.50.**



PLANET JR. HORSE HOE AND CULTIVATOR.

Probably no cultivating machine is as widely known as the Planet Jr. Horse Hoe & Cultivator. For 1897 it has been entirely remodelled and greatly improved, in fact, as perfect as skill can make it and thoroughly up to date. **Price, all complete, $7.50.**



PLANET JR. No 2. GARDEN DRILL. Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row all at one passage. Remarkable for simplicity, strength, and for ease and perfection of work in the field. **Price, $6.50.**

PLANET JR.

No. 4 Combined Hill Dropping Seeder and Single Wheel Hoe, Cultivator, Rake and Plow.

This excellent machine drops the seed either in continuous rows or in hills 6, 12, 18 and 36 inches apart. It sows most accurately the smallest seeds. Hopper holds two quarts. The index is plain and easily set. The drill is quickly detached and the tool frame substituted. It then becomes an admirable Single Wheel Hoe. Has all the attachments shown in the cut. **Price, complete, $10.00. As a drill only, $7.00.** Attachments can be subsequently purchased for **$3.50,** making a complete machine.

MISCELLANEOUS GARDEN TOOLS AND SUNDRIES.

BELLOWS. For applying powdered insecticides to plants, etc. Two sizes, $1.00 ..... $1.25

CORN AND SEED PLANTER. Chautauqua. (*See cut.*) 1.25

CAHOON BROADCAST SEED SOWER 2.75

Sows grass seeds, wheat, oats, barley, rye, buckwheat, etc. A saving of four-fifths of the labor and one-third of the seed, used in hand sowing is effected by this machine. *Every farmer should have one.*

DANDELION PULLERS. English 1.00

DIBBERS. For transplanting plants ..... .50

FLORAL TOOLS. Set of four, small ..... .35

" " " large ..... .75

FORKS. Hand weeding ..... Maleable 15c; steel .20

FLOWER TUBS. Columbia. Send for special circular. $1.00 to.. 3.00

GARDEN LINES. Strong braided; per 100 ft ..... .50

GARDEN LINE REELS ..... .50

GRAFTING WAX ..... ¼ lb., 15c; ½ lb., 25c; 1 lb. .40

HOSE, Rubber. See page 103.

HOES. Welded Dutch Scuffle. (Handles 15c each, extra) .....

..... 6 in., 60c; 7 in., 65c; 8 in. .75

Common Scuffle ..... 6 in., 30c; 8 in. .45

KNIVES, Pruning, English. (Saynor & Cook) 1.50

Pruning, American ..... .75

Budding ..... No. 300, $1.00; No. 207, $1.25; No. 204 1.50

Asparagus, Imported. Saw tooth blade ..... .90

Seed Potato ..... Humphreys, 30c; postpaid .35

LABELS. Painted Wood Pot Labels .....

....4 in., per 100, 15c; per 1000, 75; 6 in., per 100, 25c; per 1000 1.50

LAWN TOOLS. See page 103

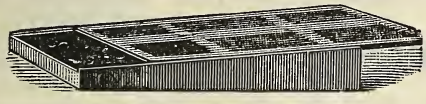
LEGGET'S DRY POWDER GUN 7.00

MOLE TRAPS. Olmsted's Improved. Send for special circular and free book on catching moles 1.50

PROTECTING CLOTH, or Water Proof Fibre. Especially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frosts, covering hot beds and frames in spring, in lieu of glass (after excessive freezing weather is over), and for throwing over bedding plants at night in fall, at one-tenth the cost of glass. (Pieces contain from 40 to 60 yards). **Heavy grade** per yard, 15c; by piece per yard, 12½c.

Medium grade, best for general purposes, per yard, 10c; by piece, per yard, 8½c.

Light grade, mostly used in the South for Tobacco plants; per yard, 5c; by piece, per yard, 4½c. Samples mailed on application.



POTATO SPRINKLER. Hermes. Paris Green 4.00

PRUNERS, Water's Tree .....

.....4 ft., 75c; 6 ft., 85c; 8 ft., $1.00; 10 ft., $1.15; 12 ft. 1.75

PRUNING SHEARS. *See Shears.*

PRUNING SAW AND CHISEL ..... .75

PRUNING SAW, double edged, 18 in ..... .75

POWDER GUN, Legget's, for applying powdered insecticides 7.00

ROFFEA. Plant tying material ..... Per lb., 25c, by mail .40

ROLLERS, Lawn. See page 101.

RAKES, Steel Garden, 14 teeth ..... .50

Steel Gravel ..... .35

SPRINKLERS, Rubber, for spraying house plants 1.00

SYRINGES. Brass Garden. No. A A Parlor, very small with one fine spray rose, $1.15; No. C, one stream and one spray rose.. 1.50

SPADES. Cast Steel ..... .85

SHOVELS. Cast Steel ..... .85

SHEARS. Wiss' Pruning. Excellent for trimming small fruit bushes and shrubery ..... No. 3, $1.50; No. 2, $1.75; No. 1 2.00

Lee's Pruning. For same purpose 1.00

Hedge ..... 8 in., $1.50; 10 in. 1.75

TROWELS. English Garden ..... 6 in., 30c; 7 in., 35c; 8 in. .40

Common, 6 in ..... .15

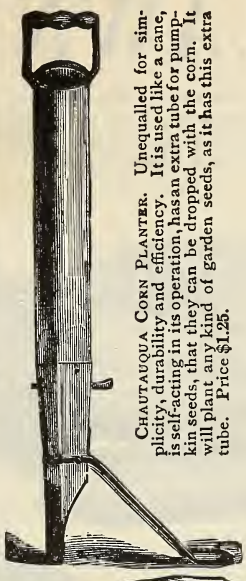
Cleve's Angle, narrow ..... .15

TWINE. Jute. For tying plants ..... lb., 10c; 10 lbs. .90

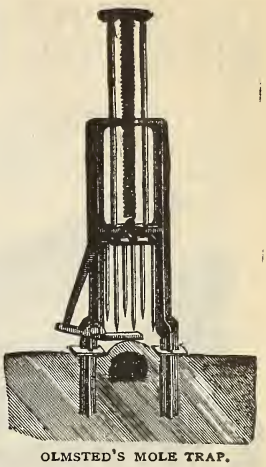
WEEDERS. Excelsior, hand weeder ..... .15

Hazeltine, hand weeder ..... .20

Hand Fork ..... Maleable, 15c; steel. .20

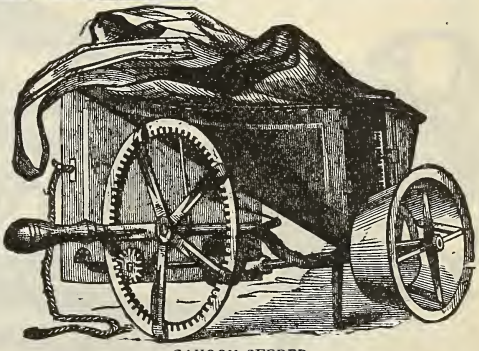


CHAUTAUQUA CORN PLANTER. Unequalled for simplicity, durability and efficiency. It is used like a cane, is self-acting in its operation, has an extra tube for pumpkin seeds, that they can be dropped with the corn. It will plant any kind of garden seeds, as it has this extra tube. Price $1.25.



OLMSTED'S MOLE TRAP.

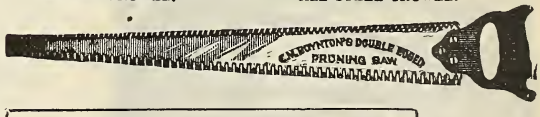
DUTCH SCUFFLE HOE.



CAHOON SEEDER.

ENGLISH TROWEL.

ALL STEEL TROWEL.

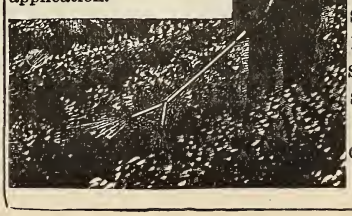


LEGGETT'S PARIS GREEN OR DRY POWDER GUN.

For Orchard, Vineyard, Garden or Potato Field. Distributes Paris Green, Sulphur, "Fungiroid," (a powdered Bordeaux Mixture) or any dry powder.

THOUSANDS IN USE

Illustrated Circular on application.



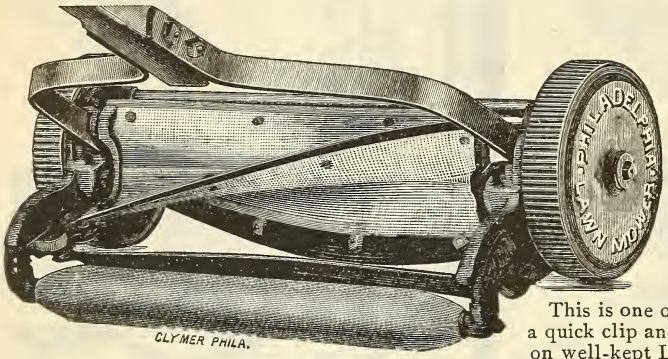
A Wonderful Invention Light, Swift, Easy, Safe, Strong and Cheap.

PRUNING SHEARS.

THE GENUINE PHILADELPHIA LAWN MOWERS.

Full descriptive circulars mailed on application.

We are pleased to offer our customers the PHILADELPHIA LAWN MOWER, believing it to be the *best* Lawn Mower made. They are constructed upon the best mechanical principles and on account of their simplicity and superior construction, are more durable and possess more useful and valuable features, less liable to get out of order, and will do better work than any other Lawn Mower made.



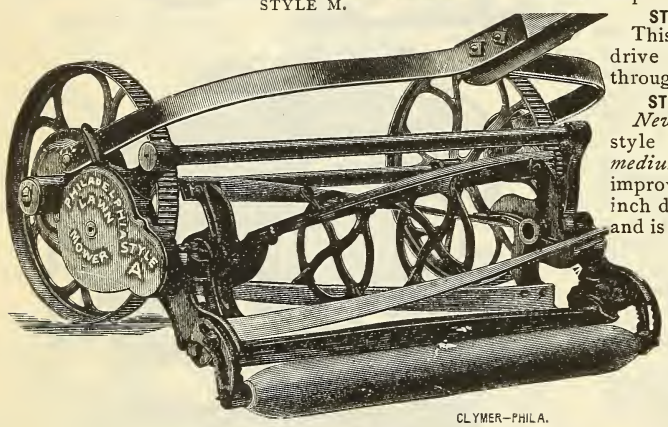
STYLE M.

STYLE D. (WIDTH OF CUT, 10 AND 12 INCHES).
This is intended for small grass plots of less than ⅛ of an acre and for this kind of work is just about perfect, being far the easiest working and lightest Lawn Mower made.

STYLE L. (WIDTH OF CUT, 15 AND 17 INCHES).
This style is known as the Park Mower and is a great favorite. It is perfect for this class of work.

STYLE M. (WIDTH OF CUT, 14, 16, 18 AND 20 INCHES).
This Mower is for general work and very popular; the bulk of our sales are of this style. They will be found *to be easy running* and very *durable*.

STYLE S. (WIDTH OF CUT, 14, 16, 18 AND 20 INCHES).
This is one of the most desirable styles of Mowers. It has a quick clip and fine cut and will make a little smoother work on well-kept Lawns than Style D and M.

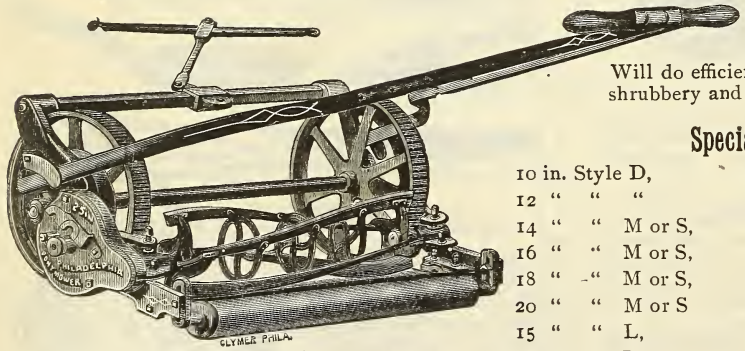


STYLE A.

STYLE A. (WIDTH OF CUT, 15, 17, 19 AND 21 INCHES):
This is the KING of HIGH WHEELS. It has 10 in. drive wheels; 6½ in. cutters; constructed of steel throughout.

STYLE C. (WIDTH OF CUT, 14, 16, 18 AND 20 INCHES).
New pattern for 1898, medium high wheel. This style has been manufactured to fill the demand for a *medium* high lawn mower, *that has merit.* It has all improvements with a four blade open cylinder and 8½ inch drive wheel. It is light running, does fine work and is a valuable addition to the list.

PONY, (OR TWO MAN), 25 INCHES.
We present this Mower having many advantages over machines of its kind. It is light in weight and draft, strong and durable, and has every provision for adjustment of journals, height of cut, etc. The revolving knives, four in number, give a continuous cut. The drive wheels are 11¾ inches. It can be used with a pony, and a boy to cut, or man to pull and boy to cut, or if the lawn is in fine condition can be operated by one man. It may be used also when the ground is soft when a horse would mark the ground. Will do efficient work on a lawn where there is much shrubbery and trees.



PONY (OR TWO MAN) 25 IN. LAWN MOWER.

Special Prices for 1898.

10 in. Style D,	$4.25	14 in. Style C,	$6.00
12 " " "	4.75	16 " " "	6.50
14 " " M or S,	5.50	18 " " "	6.75
16 " " M or S,	6.00	20 " " "	7.75
18 " " M or S,	6.75	15 " " A	11.00
20 " " M or S	7.25	17 " " "	12.50
15 " " L,	7.50	19 " " "	14.00
17 " " L,	8.50	21 " " "	15.00
25 " Pony,	20.00	30 " Horse,	75.00

30 IN. HORSE LAWN MOWER.

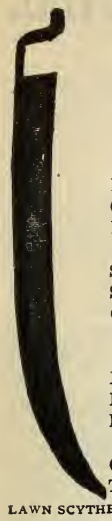
These machines are intended for Parks and large open grounds and are constructed in a most thorough manner. They are designed to be what they have already proved themselves to be—THE BEST HORSE LAWN MOWER FOR PARKS OR LARGE LAWNS EVER MADE. They will be found on government grounds, public grounds and fine parks in all parts of the country. Made in two patterns, open or closed cylinder.

LAWN MOWERS SHARPENED AND REPAIRED. EXTRA PARTS KEPT IN STOCK.

We carry in stock a line of the extra parts for the Philadelphia Lawn Mower, and the principal parts of a number of the other popular makes. Lawn mowers of all kinds sharpened and repaired. To do this we employ skilled workmen and guarantee satisfaction in every particular. You will oblige us, and receive prompt attention, by sending your machines in early.

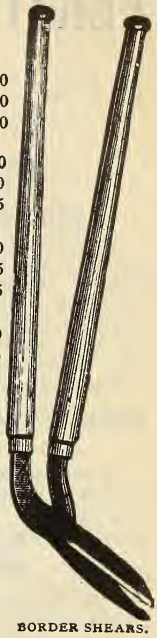
LAWN REQUISITES.

SUNDRY USEFUL LAWN TOOLS.

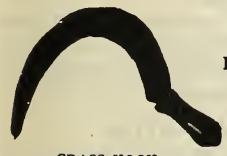


LAWN SCYTHE.

LAWN RAKES. Gibb's 24 in. head, with guard to prevent grass from falling over back; 30 copper steel wire teeth. Teeth are so constructed as to prevent digging up the soil or clogging..... $ .50
Canton. Similar to Gibbs', but without guard..... .40
Favorite. The lightest, most durable, and cheapest of steel lawn rakes..... .30
Crown. The leading feature is the fact that it is made reversible; the single teeth may be used for raking grass; the double teeth for leaves and rubbish..... .30
LAWN SHEARS. For cutting grass under shrubs, etc. Price, with 2 wheels, 9 in. blades..... 2 50
GRASS SHEARS. Similar to Sheep Shears. **Common,** 60c: **English**..... 1.25
LAWN SCYTHES. English. Best scythe that can be used on the lawn; no trouble to keep sharp; 34 and 36 in., $1.25; 38 in..... 1.50
SCYTHE SNATHS..... .75
SCYTHE STONES. English Round Talacre, 15c; **Common**..... .5
GRASS HOOKS OR SICKLES. Imported English. Extra quality, riveted backs; strong and will hold an edge. No. 0, 50c; No. 1..... .60
Common Sickles..... .25
HOSE. Rubber. Guaranteed quality; ¾ in., 25 ft., $3.75; 50 ft., with couplings..... 7.00
HOSE NOZZLES. Gem. Throws any kind of a stream from solid to the finest spray..... .60
HOSE SNAP. A simple device to attach or detach hose to or from the water pipe, without the annoyance of screwing on the hose..... .75
GEM NOZZLE HOLDER. A device for holding hose if nozzle is used for sprinkling..... .10
TURF EDGERS. Sharp, rounded blades, for trimming borders of walks, etc. **Common,** 35c; **Imported.** 1.00
WEED CUTTER. Has narrow, chisel-shaped blade for cutting off roots of weeds without marring the lawn..... .40
SOD CUTTERS. Diamond-shaped shovel with crooked handle, made especially for taking up sod..... 3.50



BORDER SHEARS.



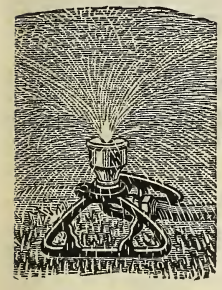
GRASS HOOK.

GRASS SHEARS.

LAWN SPRINKLERS.

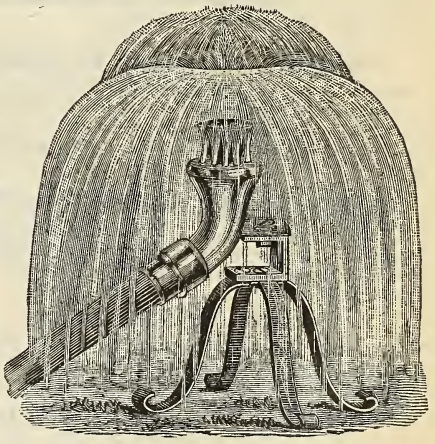
PHILADELPHIA. Unlike all other Sprinklers, **this does its work perfectly, without a revolving motion,** making it durable. The water pressure is unobstructed in its course until it reaches the disk, as the water passes through the large holes in the disk in solid streams, until it strikes the cone at a point above the blade; it avoids any flooding the holes and is formed into spray. Made in four sizes. No. 1, 75c; No. 2, 90c; No. 3, $1.50; No. 4, with hose reel attachment, for carrying 150 feet of hose. $7.00

Send for Special Circular.



THE ELGIN.

STANDING FOUR-ARM SPRINKLER..... $3.00
CALIFORNIA. A small four-arm sprinkler..... 1.00
ARC LAWN SPRINKLER. A thoroughly good sprinkler, having the additional advantage of distributing water in half or full circle as desired..... 1.50
ELGIN. Finely arranged on a frame, so it can be moved about without wading in grass or stopping water. Throws a large volume of water..... .75



PHILADELPHIA LAWN SPRINKLER.

LAWN SEED AND FERTILIZERS,

IRON LAWN ROLLERS.

No lawn can be maintained in good order without successive rollings, which work should be done in the spring before the ground becomes dry. These rollers are made in two sections, and are preferable for lawns, as they can be turned without injuring the grass. They are made with weights, which keep the handle up from the ground.

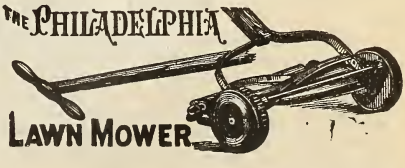
1 sec. 12 in. long, 20 in. diameter, 190 lbs..... $ 9.00
2 sec. each 7 in. long, 15 in. diameter, 125 lbs..... 7.00
2 sec. each 12 in. long, 20 in. diameter, 300 lbs..... 14.00
2 sec. each 12 in. long, 24 in. diameter, 400 lbs..... 18.00

TWO SECTION LAWN ROLLER.

LAWN MOWERS.

We are headquarters for the Philadelphia Lawn Mower, than which no better mower is made.

See Our Reduced Price List,



FERTILIZERS, INSECT AND FUNGUS REMEDIES.

We keep but one grade—**the best.** Our large sales enable us to offer at *lowest wholesale prices.* Prices subject to market changes. Special quotations will be made for large lots.

FERTILIZERS, ETC.

PULVERIZED SHEEP MANURE.

Highly recommended for all purposes for which a fertilizer is required. Its effect is immediate and lasting. It is clean to handle. For lawns, use at the rate of 500 lbs. per acre. For pot plants, mix one part sheep manure to six parts of soil. For use in the vegetable garden, spread over the surface and dig in. Being soluble, it readily makes a safe liquid manure (one pound to five gallons of water per day can safely be used). 2 lbs., 15c; 4 lbs., 25c; 10 lbs., 45c. Not prepaid. (Postage 16c per lb. extra.) 100 lbs., $2.00; 300 lbs. for $5.00.

FINE RAW BONE OR FLORISTS' BONE MEAL.

Guaranteed pure bone. It is ground fine and is an excellent top dressing for lawns, grass lands, farm and field crops, also for mixing with potting soil. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c· 50 lbs., $1.25; 100 lbs., $2.00; bag of 200 lbs., $3.50.

PURE CRUSHED BONE.

Coarse ground. Used around fruit trees, grape vine borders and in the poultry yard. 50 lbs., $1.75; 100 lbs., $3.00.

BONE AND BLOOD.

Just the thing where a high nitrogenous fertilizer is required. Its effects are prolonged and lasting. For seed beds and garden plots of cabbage, lettuce, beets, onion, celery, spinach, apply broadcast at the rate of one or two tons per acre. When used in rows or in hills for cabbage, celery or early corn, one to two hundred pounds per acre will be sufficient. 100 lbs., $1.50; per ton, $24.00.

GARDEN VEGETABLE COMPOUND.

Where applied, vegetables ripen ten to fourteen days earlier, and the increased production is usually one-third to one-half larger than when it is not used. It is put up in bags of 100 to 200 pounds, odorless, clean to handle and reasonable in price. 50 lbs., $1.50; 100 lbs., $2.75; 200 lbs., $4.50.

GARDEN CITY SUPER-PHOSPHATE.

This is a complete manure. Can we say more than this? The more inquiries you make and the more you investigate this fertilizer, the more readily you will use it. Use 200 or 300 pounds per acre. 100 lbs., $2.00; 200 lbs., $3.50.

CELERY GROWER.

A new, carefully prepared manure, especially adapted for celery growing. It is chemically suited to this crop, which demands high manuring. 50 lbs., $1.25; 100 lbs., $2.00; 200 lbs., $3.50.

CHICAGO LAWN FERTILIZER.

10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.00.

JADOO—Fibre.

A New Potting Material in which Every Plant Thrives without Earth.

It is cleaner than earth, half as light, is spongy and requires watering only half as often. Worms cannot exist in it—no soil to mix—no manure required. Seeds germinate in it more quickly than in earth. Price, by freight or express, not prepaid, 5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.10. Bag (about 120 lbs.), $3.60.

JADOO—Liquid.

Revives drooping plants, strengthens the weak and nourishes the strong; above all, it gives health, increases the size, causes greater profusion of bloom and heightens the color of both foliage and flowers. Can be used on plants grown in Fibre, and for watering plants grown in earth it is the *cheapest of all fertilizers.* Add forty-eight parts of water to one part of Jadoo liquid. Mix and use. Price, by freight or express, not prepaid: Pint bottle, 25c; case of 24 pints, $3.50; 2 gals. in jacketed can, $1.50; 5 gals. in jacketed can, $3.75.

FERTILIZERS.—Continued.

FLORISTS' PLANT FOOD.

An application of this plant food will be observed in the vigorous growth of the flowers and a deep green foliage. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $4.00.

BOWKER'S PLANT FOOD.

For all pot plants. Clean, odorless, effective. Directions for use with each box. Two sizes, each, 15c and 25c. By mail, each, 25c and 40c.

Nitrate of Soda. 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.50.

Peruvian Guano. Guaranteed pure. 5 lbs., 40c; 10 lbs., 70c; 50 lbs., $2.75; 100 lbs., $5.00. Prices will be quoted on larger lots.

Land Plaster or Gypsum. Bbl. (about 350 lbs.), $2.00; 5 bbls. for $9.00. Write for price in large quantity.

INSECTICIDES, FUNGICIDES, ETC.

SLUG SHOT.

One of the cheapest and most popular insecticides. It kills potato bugs, currant, gooseberry and cabbage worms, melon, squash and cucumber bugs—in fact, every pest known to the gardener. Contains nothing in the least injurious. 5 lb. package, 30c; 10 lb. package, 50c; bbl. (225-260 lbs.), 4c per lb. Tin canisters, with finely perforated top for dusting (filled), 25c each; by mail, prepaid, 40c.

PEROXIDES OF SILICATES.

A sure protection against the ravages of all Insect Pests that destroy the growing crops. When mixed with the Fertilizer it will destroy all grubs and worms in the soil. It kills the Colorado beetle or potato bug, the cabbage worm, etc. *Absolutely safe.* No danger of poisoning your stock. Price: 5 lbs., 30c; 10 lbs., 50c; 100 lbs., $4.50; bbl. (225-260 lbs.), 4c per lb.

Hellebore Powder. Kills currant worms, rose slugs, etc. ½ lb., 30c; lb., 50c postpaid. Not prepaid, lb., 30c; 4 lbs. for $1.00.

INSECT POWDER. Dalmatian or Persian. Destroys ants, fleas and all noxious insects. ¼ lb., 25c; ½ lb., 40c; lb., 75c; not prepaid. (Postage, 16c per lb. extra.)

Paris Green. Pure stock. ¼ lb., 15c; ½ lb., 25c; lb., 40c. (By mail, add 16c per lb. for postage.)

Tobacco Dust. Cheaper than snuff. A sure remedy for green fly. 1 lb., 10c (by mail, 25c); 5 lbs., 25c; 100 lbs., $3.50, not prepaid.

Tobacco Stems. For fumigating greenhouses, etc. Good to mulch Rose and Lettuce beds. An excellent fertilizer and protector to the lawn in winter. 10 lbs., 50c; bbl., $1.00; bale of about 250 to 400 lbs., 2c per lb.

Tobacco Extract, Rose Leaf. A positive remedy for insects in greenhouse and conservatories. Used in various ways. Directions on package. Pint, 30c; qt., 50c. (*Cannot be sent by mail.*)

Whale Oil Soap. Pure, fresh. Kills insects and their eggs; good wash for fruit trees. Dissolve 1 lb. in five gallons of water, apply with a syringe or force pump. 2 lbs., 25c; 5 lbs., 50c; not prepaid. Postage required, 16c per lb.

Tobacco Soap. Most effective in cleansing plants and trees infested with red spider, oleander bugs (scale) and rose slugs. Box, sufficient to make 5 gals. of wash, 25c. By mail, 35c.

REMEDIES FOR MILDEW, ETC.

Bordeaux Mixture. For black rot, mildew of grapes, potato rot, leafblight of cherry, pear and other trees, etc. 1 quart can (will make 35 gallons liquid) 35c.

Copperdine. Prevents rust on carnation plants, mildew, black rot, etc. Dilute 1 pint to ten gallons of water. Apply with sprayer. Price, one gallon, $1.50.

Flour of Sulphur. For destruction of mildew on roses, etc. Blow it over the plants with a sulphur bellows. Lb. 10c; 10 lbs., 60c; 25 lbs., $1.50; 50 lbs., $2.50.

Grape Dust. Preparation for destroying mildew, mold or rust either in greenhouse or open air. 5 lb package, 35c.

For Bellows and Powder Gun to apply above, see page 101.

POULTRY SUPPLIES.

Crushed Oyster Shells. Manufactured from good, clean stock. Used by all poultrymen. 5 lbs., 15c; 25 lbs., 45c; 100 lbs., $1.25; bbl. of 275 lbs., $3.00.

Crushed Ground Bone. About the size of wheat or cracked corn, especially prepared for chickens. 50 lbs., $1.75; 100 lbs., $3.00.

GENERAL INDEX

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BOOKS ON GARDENING AND KINDRED TOPICS.

Sent to any address prepaid on receipt of price.

IN addition to the older standard works named below, especial attention is called to the fresh and valuable books included in the GARDEN CRAFT and RURAL SCIENCE series. These practical handbooks are either written or edited by Prof. L. H. Bailey, of Cornell University.

The Garden Craft Series.

All are fully illustrated, bound in flexible cloth so they can be carried in the pocket for instant reference.

Garden Making: A guide to daily practice in the garden, whether that garden be a city back yard or an enclosure of acres. It imparts in simple language such information as every man or woman who buys a single packet of seed or attempts to grow a single plant is in need of. Profusely illustrated. **$1.00.**

The Horticulturist's Rule Book: A compendium of useful knowledge for all workers in the garden, greenhouse or fruit farm. 4th edition, 312 pages. **75c.**

The Forcing Book: A manual of the cultivation of vegetables under glass. Valuable alike to the amateur or private gardener. 266 pages, 88 illustrations. **$1.00.**

The Nursery Book: Teaches how to multiply plants by all forms of propagation. 365 pages. **$1.00.**

Plant Breeding: A most interesting work for those interested in new varieties of plants. 293 pages. **$1.00.**

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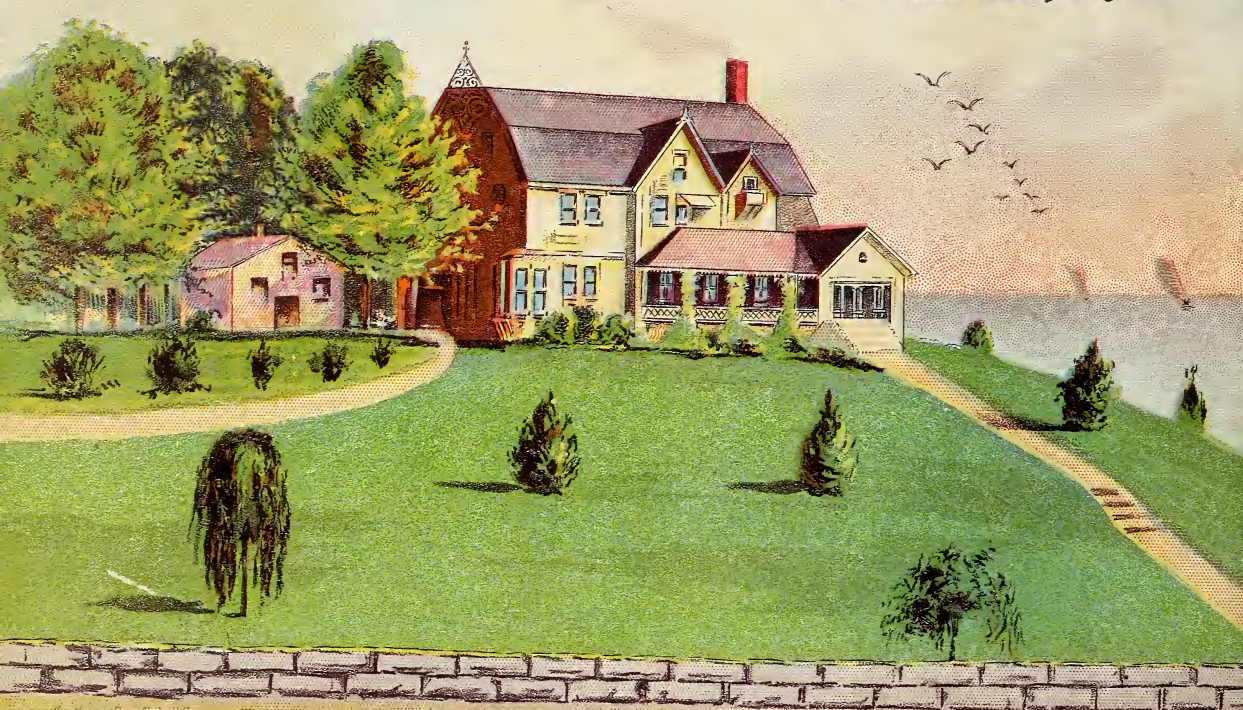

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